

Reservoir Canal Discharge (cfs)													
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1953	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1954	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955	0.0	0.0	0.0	0.0	0.0	52.1	187.0	175.6	109.2	19.5	0.0	0.0	45.3
1956	0.0	0.0	0.0	10.1	81.3	164.7	240.7	224.4	166.4	65.1	0.0	0.0	79.4
1957	0.0	0.0	0.0	0.0	13.0	79.0	224.4	257.0	137.8	34.2	0.0	0.0	62.1
1958	0.0	0.0	0.0	0.0	115.5	151.3	190.3	273.2	191.6	50.4	0.0	0.0	81.0
1959	0.0	0.0	0.0	0.0	53.7	218.5	222.8	299.2	127.7	0.0	0.0	0.0	76.8
1960	0.0	0.0	0.0	0.0	37.4	90.8	235.8	156.1	57.1	0.0	0.0	0.0	48.1
1961	0.0	0.0	0.0	0.0	0.0	3.4	125.2	68.3	0.0	0.0	0.0	0.0	16.4
1962	0.0	0.0	0.0	1.7	94.3	21.8	112.2	235.8	132.8	6.5	0.0	0.0	50.4
1963	0.0	0.0	0.0	1.7	79.7	57.1	216.3	219.6	73.9	1.6	0.0	0.0	54.2
1964	0.0	0.0	0.0	8.4	91.1	85.7	248.8	242.3	82.3	16.3	0.0	0.0	64.6
1965	0.0	0.0	0.0	0.0	27.6	45.4	144.7	221.2	87.4	26.0	0.0	0.0	46.0
1966	0.0	0.0	0.0	0.0	78.1	164.7	167.5	156.1	107.6	24.4	0.0	0.0	58.2
1967	0.0	0.0	0.0	21.8	63.4	6.7	115.5	235.8	134.4	40.7	0.0	0.0	51.5
1968	0.0	0.0	0.0	1.7	68.3	48.7	183.8	188.7	95.8	30.9	0.0	0.0	51.5
1969	0.0	0.0	0.0	15.1	117.1	109.2	115.5	237.4	146.2	24.4	0.0	0.0	63.7
1970	0.0	0.0	0.0	0.0	35.8	10.1	268.3	255.3	85.7	3.3	0.0	0.0	54.9
1971	0.0	0.0	0.0	0.0	40.7	50.4	234.2	268.3	79.0	4.9	0.0	0.0	56.5
1972	0.0	0.0	0.0	8.4	37.4	55.5	250.5	239.1	95.8	14.6	0.0	0.0	58.4
1973	0.0	0.0	0.0	0.0	61.8	126.0	263.5	232.6	48.7	3.3	0.0	0.0	61.3
1974	0.0	0.0	0.0	13.4	112.2	137.8	276.5	198.4	52.1	0.0	0.0	0.0	65.9
1975	0.0	0.0	0.0	0.0	68.3	52.1	227.7	271.6	84.0	0.0	0.0	0.0	58.6
1976	0.0	0.0	0.0	0.0	56.9	50.4	235.8	177.3	107.6	0.0	0.0	0.0	52.3
1977	0.0	0.0	0.0	0.0	63.4	105.9	203.3	185.4	102.5	0.0	0.0	0.0	55.0
1978	0.0	0.0	0.0	0.0	55.3	112.6	271.6	203.3	102.5	29.3	0.0	0.0	64.5
1979	0.0	0.0	0.0	1.7	82.9	77.3	221.2	177.3	112.6	34.2	0.0	0.0	58.9
1980	0.0	0.0	0.0	16.8	86.2	84.0	287.9	226.1	92.4	0.0	0.0	0.0	66.1
1981	0.0	0.0	0.0	25.2	50.4	114.3	247.2	281.4	139.5	0.0	0.0	0.0	71.5
1982	0.0	0.0	0.0	0.0	0.0	13.4	204.9	229.3	142.8	1.6	0.0	0.0	49.3
1983	0.0	0.0	0.0	6.7	42.3	55.5	221.2	214.7	127.7	0.0	0.0	0.0	55.7
1984	0.0	0.0	0.0	0.0	37.4	33.6	209.8	253.7	132.8	0.0	0.0	0.0	55.6
1985	0.0	0.0	0.0	15.1	112.2	119.3	253.7	214.7	77.3	0.0	0.0	0.0	66.0
1986	0.0	0.0	0.0	0.0	30.9	62.2	187.0	198.4	67.2	0.0	0.0	0.0	45.5
1987	0.0	0.0	0.0	0.0	52.0	75.6	226.1	229.3	67.2	0.0	1.7	0.0	54.3
1988	0.0	0.0	0.0	45.4	65.1	104.2	240.7	190.3	77.3	0.0	0.0	0.0	60.2
1989	0.0	0.0	0.0	0.0	32.5	62.2	131.7	141.5	31.9	0.0	0.0	0.0	33.3
1990	0.0	0.0	0.0	0.0	14.6	31.9	185.4	144.7	42.0	0.0	0.0	0.0	34.9
1991	0.0	0.0	0.0	0.0	9.8	26.9	175.6	183.8	112.6	0.0	0.0	0.0	42.4
1992	0.0	0.0	0.0	0.0	76.4	33.6	143.1	222.8	114.3	0.0	0.0	0.0	49.2
1993	0.0	0.0	0.0	0.0	48.8	50.4	174.0	183.8	97.5	0.0	0.0	0.0	46.2
1994	0.0	0.0	0.0	0.0	76.4	119.3	229.3	234.2	53.8	0.0	0.0	0.0	59.4
1995	0.0	0.0	0.0	0.0	0.0	21.8	201.7	263.5	131.1	0.0	0.0	0.0	51.5
1996	0.0	0.0	0.0	0.0	35.8	75.6	257.0	242.3	65.5	0.0	0.0	0.0	56.4
1997	0.0	0.0	0.0	0.0	0.0	43.7	183.8	123.6	114.3	0.0	0.0	0.0	38.8
Mean	0.0	0.0	0.0	4.5	53.6	74.5	208.0	213.4	97.9	10.0	0.0	0.0	55.2
Min	0.0	0.0	0.0	0.0	0.0	3.4	112.2	68.3	0.0	0.0	0.0	0.0	16.4
10 pctl	0.0	0.0	0.0	0.0	2.0	21.8	134.0	156.1	52.4	0.0	0.0	0.0	43.0
25 pctl	0.0	0.0	0.0	0.0	34.2	44.5	183.8	184.6	75.6	0.0	0.0	0.0	49.3
Median	0.0	0.0	0.0	0.0	53.7	62.2	221.2	222.8	97.5	0.0	0.0	0.0	55.6
75 pctl	0.0	0.0	0.0	4.2	77.3	107.6	240.7	240.7	127.7	17.9	0.0	0.0	61.7
90 pctl	0.0	0.0	0.0	15.1	93.7	135.5	262.2	267.4	139.2	33.5	0.0	0.0	66.1
Max	0.0	0.0	0.0	45.4	117.1	218.5	287.9	299.2	191.6	65.1	1.7	0.0	81.0
NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.													
Mean	0.0	0.0	0.0	5.0	54.2	66.2	206.5	210.6	92.4	7.1	0.0	0.0	53.5

Angostura Contract Negotiation EIS

Reservoir Canal Discharge (cfs)

Scen 1 No Action 12,218 acres with 3163 feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1998	0.0	0.0	0.0	0.0	63.4	176.5	261.8	198.4	90.8	0.0	0.0	0.0	65.9
1999	0.0	0.0	0.0	30.3	53.7	159.7	294.4	253.7	99.2	0.0	0.0	0.0	74.2
2000	0.0	0.0	0.0	31.9	65.1	127.7	239.1	175.6	37.0	0.0	0.0	0.0	56.4
2001	0.0	0.0	0.0	5.0	27.6	194.9	235.8	193.5	85.7	0.0	0.0	0.0	61.9
2002	0.0	0.0	0.0	0.0	1.6	110.9	265.1	198.4	62.2	0.0	0.0	0.0	53.2
2003	0.0	0.0	0.0	8.4	107.3	126.0	159.4	232.6	102.5	0.0	0.0	0.0	61.4
2004	0.0	0.0	0.0	13.4	47.2	146.2	257.0	279.7	40.3	0.0	0.0	0.0	65.3
2005	0.0	0.0	0.0	25.2	92.7	132.8	330.1	240.7	109.2	0.0	0.0	0.0	77.6
2006	0.0	0.0	0.0	6.7	47.2	159.7	52.0	26.0	0.0	0.0	0.0	0.0	24.3
2007	0.0	0.0	0.0	33.6	16.3	67.2	169.1	235.8	80.7	0.0	0.0	0.0	50.2
2008	0.0	0.0	0.0	6.7	84.6	73.9	206.5	221.2	60.5	0.0	0.0	0.0	54.5
2009	0.0	0.0	0.0	10.1	53.7	94.1	341.5	208.2	87.4	0.0	0.0	0.0	66.2
2010	0.0	0.0	0.0	20.2	30.9	99.2	204.9	195.2	25.2	0.0	0.0	0.0	48.0
2011	0.0	0.0	0.0	1.7	112.2	205.0	217.9	149.6	62.2	0.0	0.0	0.0	62.4
2012	0.0	0.0	0.0	5.0	22.8	20.2	263.5	239.1	80.7	0.0	0.0	0.0	52.6
2013	0.0	0.0	0.0	1.7	37.4	47.1	226.1	170.8	67.2	0.0	0.0	0.0	45.8
2014	0.0	0.0	0.0	28.6	99.2	119.3	131.7	281.4	105.9	0.0	0.0	0.0	63.8
2015	0.0	0.0	0.0	5.0	87.8	159.7	240.7	265.1	62.2	0.0	0.0	0.0	68.4
2016	0.0	0.0	0.0	1.7	8.1	161.3	214.7	245.6	43.7	0.0	0.0	0.0	56.3
2017	0.0	0.0	0.0	8.4	56.9	84.0	201.7	177.3	68.9	0.0	0.0	0.0	49.8
2018	0.0	0.0	0.0	0.0	13.0	191.6	190.3	206.5	42.0	0.0	0.0	0.0	53.6
2019	0.0	0.0	0.0	3.4	87.8	154.6	294.4	135.0	53.8	0.0	0.0	0.0	60.7
2020	0.0	0.0	0.0	1.7	63.4	72.3	278.1	216.3	77.3	0.0	0.0	0.0	59.1
2021	0.0	0.0	0.0	5.0	61.8	117.6	208.2	174.0	89.1	0.0	0.0	0.0	54.6
2022	0.0	0.0	0.0	16.8	99.2	174.8	167.5	122.0	67.2	0.0	0.0	0.0	54.0
2023	0.0	0.0	0.0	13.4	50.4	159.7	187.0	165.9	102.5	0.0	0.0	0.0	56.6
2024	0.0	0.0	0.0	10.1	68.3	139.5	172.4	159.4	100.8	0.0	0.0	0.0	54.2
2025	0.0	0.0	0.0	23.5	74.8	141.2	279.7	174.0	80.7	0.0	0.0	0.0	64.5
2026	0.0	0.0	0.0	33.6	34.2	184.9	151.3	204.9	94.1	0.0	0.0	0.0	58.6
2027	0.0	0.0	0.0	1.7	0.0	67.2	235.8	191.9	42.0	0.0	0.0	0.0	44.9
2028	0.0	0.0	0.0	0.0	29.3	102.5	261.8	224.4	84.0	0.0	0.0	0.0	58.5
2029	0.0	0.0	0.0	0.0	48.8	132.8	211.4	234.2	57.1	0.0	0.0	0.0	57.0
2030	0.0	0.0	0.0	28.6	109.0	154.6	250.5	191.9	37.0	0.0	0.0	0.0	64.3
2031	0.0	0.0	0.0	1.7	76.4	112.6	239.1	208.2	31.9	0.0	0.0	0.0	55.8
2032	0.0	0.0	0.0	35.3	21.1	193.3	261.8	191.9	67.2	0.0	0.0	0.0	64.2
2033	0.0	0.0	0.0	15.1	56.9	193.3	258.6	139.9	58.8	0.0	0.0	0.0	60.2
2034	0.0	0.0	0.0	10.1	79.7	159.7	16.3	3.3	42.0	0.0	0.0	0.0	25.9
2035	0.0	0.0	0.0	3.4	22.8	132.8	253.7	120.3	13.4	0.0	0.0	0.0	45.5
2036	0.0	0.0	0.0	6.7	24.4	65.5	255.3	190.3	73.9	0.0	0.0	0.0	51.4
2037	0.0	0.0	0.0	15.1	47.2	68.9	128.5	162.6	84.0	0.0	0.0	0.0	42.2
2038	0.0	0.0	0.0	3.4	81.3	60.5	123.6	79.7	38.7	0.0	0.0	0.0	32.3
2039	0.0	0.0	0.0	11.8	94.3	171.4	240.7	190.3	84.0	0.0	0.0	0.0	66.0
2040	0.0	0.0	0.0	0.0	16.3	67.2	204.9	221.2	47.1	0.0	0.0	0.0	46.4
2041	0.0	0.0	0.0	1.7	9.8	174.8	245.6	123.6	45.4	0.0	0.0	0.0	50.1
2042	0.0	0.0	0.0	0.0	24.4	122.7	65.1	198.4	77.3	0.0	0.0	0.0	40.7
Mean	0.0	0.0	0.0	10.8	53.6	128.5	215.4	187.1	65.8	0.0	0.0	0.0	55.1
Min	0.0	0.0	0.0	0.0	0.0	20.2	16.3	3.3	0.0	0.0	0.0	0.0	24.3
10 pctl	0.0	0.0	0.0	0.0	14.3	67.2	129.8	122.6	37.0	0.0	0.0	0.0	43.3
25 pctl	0.0	0.0	0.0	1.7	24.4	94.1	187.0	165.9	43.7	0.0	0.0	0.0	50.1
Median	0.0	0.0	0.0	6.7	53.7	132.8	235.8	193.5	67.2	0.0	0.0	0.0	56.3
75 pctl	0.0	0.0	0.0	15.1	79.7	159.7	258.6	221.2	84.0	0.0	0.0	0.0	62.4
90 pctl	0.0	0.0	0.0	29.6	97.3	188.9	279.1	243.6	100.2	0.0	0.0	0.0	66.0
Max	0.0	0.0	0.0	35.3	112.2	205.0	341.5	281.4	109.2	0.0	0.0	0.0	77.6

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	0.0	0.0	0.0	10.0	52.7	124.5	206.8	179.6	63.1	0.0	0.0	0.0	53.1
------	-----	-----	-----	------	------	-------	-------	-------	------	-----	-----	-----	------

Angostura Contract Negotiation EIS
 Reservoir Canal Discharge (cfs)
 Scen 2 No Action 10,000 acres with 3163 feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1998	0.0	0.0	0.0	0.0	52.0	144.5	214.7	162.6	75.6	0.0	0.0	0.0	54.1
1999	0.0	0.0	0.0	23.5	43.9	131.1	240.7	208.2	80.7	0.0	0.0	0.0	60.7
2000	0.0	0.0	0.0	26.9	53.7	104.2	195.2	143.1	30.3	0.0	0.0	0.0	46.1
2001	0.0	0.0	0.0	5.0	22.8	159.7	193.5	159.4	70.6	0.0	0.0	0.0	50.9
2002	0.0	0.0	0.0	0.0	1.6	90.8	216.3	162.6	50.4	0.0	0.0	0.0	43.5
2003	0.0	0.0	0.0	6.7	87.8	102.5	130.1	190.3	84.0	0.0	0.0	0.0	50.1
2004	0.0	0.0	0.0	11.8	39.0	119.3	209.8	229.3	31.9	0.0	0.0	0.0	53.4
2005	0.0	0.0	0.0	20.2	76.4	109.2	270.0	196.8	89.1	0.0	0.0	0.0	63.5
2006	0.0	0.0	0.0	6.7	37.4	171.4	167.5	191.9	0.0	0.0	0.0	0.0	47.9
2007	0.0	0.0	0.0	26.9	13.0	53.8	139.9	193.5	67.2	0.0	0.0	0.0	41.2
2008	0.0	0.0	0.0	5.0	69.9	60.5	169.1	180.5	48.7	0.0	0.0	0.0	44.5
2009	0.0	0.0	0.0	8.4	43.9	77.3	279.7	170.8	72.3	0.0	0.0	0.0	54.4
2010	0.0	0.0	0.0	16.8	24.4	80.7	167.5	159.4	20.2	0.0	0.0	0.0	39.1
2011	0.0	0.0	0.0	1.7	91.1	168.1	178.9	122.0	52.1	0.0	0.0	0.0	51.1
2012	0.0	0.0	0.0	5.0	19.5	16.8	216.3	196.8	65.5	0.0	0.0	0.0	43.3
2013	0.0	0.0	0.0	1.7	30.9	38.7	183.8	139.9	55.5	0.0	0.0	0.0	37.5
2014	0.0	0.0	0.0	23.5	81.3	97.5	107.3	230.9	85.7	0.0	0.0	0.0	52.2
2015	0.0	0.0	0.0	5.0	71.6	131.1	198.4	216.3	50.4	0.0	0.0	0.0	56.1
2016	0.0	0.0	0.0	1.7	6.5	132.8	175.6	200.0	35.3	0.0	0.0	0.0	46.0
2017	0.0	0.0	0.0	6.7	45.5	68.9	164.3	144.7	57.1	0.0	0.0	0.0	40.6
2018	0.0	0.0	0.0	0.0	9.8	156.3	156.1	169.1	33.6	0.0	0.0	0.0	43.7
2019	0.0	0.0	0.0	3.4	71.6	126.0	240.7	110.6	43.7	0.0	0.0	0.0	49.7
2020	0.0	0.0	0.0	1.7	52.0	58.8	227.7	177.3	62.2	0.0	0.0	0.0	48.3
2021	0.0	0.0	0.0	3.4	50.4	95.8	170.8	141.5	73.9	0.0	0.0	0.0	44.6
2022	0.0	0.0	0.0	13.4	81.3	142.8	138.2	100.8	53.8	0.0	0.0	0.0	44.2
2023	0.0	0.0	0.0	10.1	40.7	131.1	152.9	136.6	84.0	0.0	0.0	0.0	46.3
2024	0.0	0.0	0.0	8.4	55.3	114.3	139.9	130.1	82.3	0.0	0.0	0.0	44.2
2025	0.0	0.0	0.0	18.5	60.2	116.0	229.3	141.5	65.5	0.0	0.0	0.0	52.6
2026	0.0	0.0	0.0	26.9	27.6	151.3	123.6	167.5	77.3	0.0	0.0	0.0	47.9
2027	0.0	0.0	0.0	1.7	0.0	55.5	193.5	157.8	33.6	0.0	0.0	0.0	36.8
2028	0.0	0.0	0.0	0.0	24.4	84.0	213.1	183.8	68.9	0.0	0.0	0.0	47.8
2029	0.0	0.0	0.0	0.0	40.7	107.6	172.4	191.9	47.1	0.0	0.0	0.0	46.6
2030	0.0	0.0	0.0	23.5	89.4	126.0	204.9	156.1	30.3	0.0	0.0	0.0	52.5
2031	0.0	0.0	0.0	1.7	61.8	90.8	195.2	170.8	25.2	0.0	0.0	0.0	45.4
2032	0.0	0.0	0.0	28.6	17.9	158.0	214.7	156.1	55.5	0.0	0.0	0.0	52.6
2033	0.0	0.0	0.0	11.8	47.2	158.0	211.4	113.8	47.1	0.0	0.0	0.0	49.1
2034	0.0	0.0	0.0	8.4	65.1	137.8	206.5	74.8	35.3	0.0	0.0	0.0	44.0
2035	0.0	0.0	0.0	3.4	17.9	109.2	206.5	190.3	23.5	0.0	0.0	0.0	45.9
2036	0.0	0.0	0.0	5.0	19.5	53.8	209.8	156.1	60.5	0.0	0.0	0.0	42.1
2037	0.0	0.0	0.0	11.8	39.0	57.1	105.7	133.4	68.9	0.0	0.0	0.0	34.7
2038	0.0	0.0	0.0	3.4	66.7	50.4	100.8	65.1	31.9	0.0	0.0	0.0	26.5
2039	0.0	0.0	0.0	8.4	76.4	141.2	196.8	156.1	68.9	0.0	0.0	0.0	54.0
2040	0.0	0.0	0.0	0.0	13.0	55.5	167.5	182.2	38.7	0.0	0.0	0.0	38.1
2041	0.0	0.0	0.0	1.7	8.1	142.8	201.7	102.5	37.0	0.0	0.0	0.0	41.1
2042	0.0	0.0	0.0	0.0	19.5	100.8	53.7	162.6	63.9	0.0	0.0	0.0	33.4
Mean	0.0	0.0	0.0	8.9	43.7	106.2	183.4	160.6	54.1	0.0	0.0	0.0	46.4
Min	0.0	0.0	0.0	0.0	0.0	16.8	53.7	65.1	0.0	0.0	0.0	0.0	26.5
10 pctl	0.0	0.0	0.0	0.0	11.1	54.5	126.2	111.9	30.3	0.0	0.0	0.0	37.7
25 pctl	0.0	0.0	0.0	1.7	19.5	77.3	164.3	141.5	35.3	0.0	0.0	0.0	43.3
Median	0.0	0.0	0.0	5.0	43.9	109.2	193.5	162.6	55.5	0.0	0.0	0.0	46.1
75 pctl	0.0	0.0	0.0	11.8	65.1	137.8	211.4	190.3	68.9	0.0	0.0	0.0	51.1
90 pctl	0.0	0.0	0.0	23.5	79.4	157.3	228.7	198.7	81.7	0.0	0.0	0.0	54.1
Max	0.0	0.0	0.0	28.6	91.1	171.4	279.7	230.9	89.1	0.0	0.0	0.0	63.5

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	0.0	0.0	0.0	8.2	43.0	103.2	177.9	156.1	52.0	0.0	0.0	0.0	45.0
------	-----	-----	-----	-----	------	-------	-------	-------	------	-----	-----	-----	------

Angostura Contract Negotiation EIS
 Reservoir Canal Discharge (cfs)
 Scen 5 Reservoir Recreation 12,218 acres with 3170 feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1998	0.0	0.0	0.0	0.0	63.4	176.5	261.8	198.4	90.8	0.0	0.0	0.0	65.9
1999	0.0	0.0	0.0	30.3	53.7	159.7	294.4	253.7	99.2	0.0	0.0	0.0	74.2
2000	0.0	0.0	0.0	31.9	65.1	127.7	239.1	175.6	37.0	0.0	0.0	0.0	56.4
2001	0.0	0.0	0.0	5.0	27.6	194.9	235.8	193.5	85.7	0.0	0.0	0.0	61.9
2002	0.0	0.0	0.0	0.0	1.6	110.9	265.1	198.4	62.2	0.0	0.0	0.0	53.2
2003	0.0	0.0	0.0	8.4	107.3	126.0	159.4	232.6	102.5	0.0	0.0	0.0	61.4
2004	0.0	0.0	0.0	13.4	47.2	146.2	257.0	279.7	40.3	0.0	0.0	0.0	65.3
2005	0.0	0.0	0.0	25.2	92.7	132.8	330.1	48.8	0.0	0.0	0.0	0.0	52.5
2006	0.0	0.0	0.0	6.7	47.2	84.0	47.2	21.1	0.0	0.0	0.0	0.0	17.2
2007	0.0	0.0	0.0	33.6	16.3	67.2	169.1	235.8	80.7	0.0	0.0	0.0	50.2
2008	0.0	0.0	0.0	6.7	84.6	73.9	206.5	221.2	60.5	0.0	0.0	0.0	54.5
2009	0.0	0.0	0.0	10.1	53.7	94.1	341.5	208.2	87.4	0.0	0.0	0.0	66.2
2010	0.0	0.0	0.0	20.2	30.9	99.2	204.9	195.2	25.2	0.0	0.0	0.0	48.0
2011	0.0	0.0	0.0	1.7	112.2	205.0	217.9	149.6	62.2	0.0	0.0	0.0	62.4
2012	0.0	0.0	0.0	5.0	22.8	20.2	263.5	239.1	80.7	0.0	0.0	0.0	52.6
2013	0.0	0.0	0.0	1.7	37.4	47.1	226.1	170.8	67.2	0.0	0.0	0.0	45.8
2014	0.0	0.0	0.0	28.6	99.2	119.3	131.7	281.4	105.9	0.0	0.0	0.0	63.8
2015	0.0	0.0	0.0	5.0	87.8	159.7	240.7	265.1	11.8	0.0	0.0	0.0	64.2
2016	0.0	0.0	0.0	1.7	8.1	161.3	214.7	245.6	43.7	0.0	0.0	0.0	56.3
2017	0.0	0.0	0.0	8.4	56.9	84.0	201.7	177.3	68.9	0.0	0.0	0.0	49.8
2018	0.0	0.0	0.0	0.0	13.0	191.6	190.3	206.5	42.0	0.0	0.0	0.0	53.6
2019	0.0	0.0	0.0	3.4	87.8	154.6	294.4	135.0	53.8	0.0	0.0	0.0	60.7
2020	0.0	0.0	0.0	1.7	63.4	72.3	278.1	216.3	77.3	0.0	0.0	0.0	59.1
2021	0.0	0.0	0.0	5.0	61.8	117.6	208.2	174.0	89.1	0.0	0.0	0.0	54.6
2022	0.0	0.0	0.0	16.8	99.2	174.8	167.5	26.0	58.8	0.0	0.0	0.0	45.3
2023	0.0	0.0	0.0	13.4	50.4	159.7	187.0	165.9	102.5	0.0	0.0	0.0	56.6
2024	0.0	0.0	0.0	10.1	68.3	139.5	172.4	159.4	100.8	0.0	0.0	0.0	54.2
2025	0.0	0.0	0.0	23.5	74.8	141.2	279.7	174.0	80.7	0.0	0.0	0.0	64.5
2026	0.0	0.0	0.0	33.6	34.2	184.9	151.3	204.9	94.1	0.0	0.0	0.0	58.6
2027	0.0	0.0	0.0	1.7	0.0	67.2	235.8	191.9	42.0	0.0	0.0	0.0	44.9
2028	0.0	0.0	0.0	0.0	29.3	102.5	261.8	224.4	84.0	0.0	0.0	0.0	58.5
2029	0.0	0.0	0.0	0.0	48.8	132.8	211.4	234.2	57.1	0.0	0.0	0.0	57.0
2030	0.0	0.0	0.0	28.6	109.0	154.6	250.5	115.5	15.1	0.0	0.0	0.0	56.1
2031	0.0	0.0	0.0	1.7	76.4	112.6	239.1	208.2	31.9	0.0	0.0	0.0	55.8
2032	0.0	0.0	0.0	35.3	21.1	193.3	261.8	191.9	67.2	0.0	0.0	0.0	64.2
2033	0.0	0.0	0.0	15.1	56.9	193.3	232.6	22.8	16.8	0.0	0.0	0.0	44.8
2034	0.0	0.0	0.0	10.1	79.7	152.9	14.6	0.0	42.0	0.0	0.0	0.0	24.9
2035	0.0	0.0	0.0	3.4	22.8	132.8	253.7	105.7	11.8	0.0	0.0	0.0	44.2
2036	0.0	0.0	0.0	6.7	24.4	65.5	255.3	190.3	73.9	0.0	0.0	0.0	51.4
2037	0.0	0.0	0.0	15.1	47.2	68.9	128.5	162.6	84.0	0.0	0.0	0.0	42.2
2038	0.0	0.0	0.0	3.4	81.3	60.5	123.6	79.7	38.7	0.0	0.0	0.0	32.3
2039	0.0	0.0	0.0	11.8	94.3	171.4	240.7	190.3	84.0	0.0	0.0	0.0	66.0
2040	0.0	0.0	0.0	0.0	16.3	67.2	204.9	221.2	47.1	0.0	0.0	0.0	46.4
2041	0.0	0.0	0.0	1.7	9.8	174.8	245.6	123.6	45.4	0.0	0.0	0.0	50.1
2042	0.0	0.0	0.0	0.0	24.4	122.7	65.1	198.4	77.3	0.0	0.0	0.0	40.7
Mean	0.0	0.0	0.0	10.8	53.6	126.6	214.7	175.9	60.6	0.0	0.0	0.0	53.5
Min	0.0	0.0	0.0	0.0	0.0	20.2	14.6	0.0	0.0	0.0	0.0	0.0	17.2
10 pctlile	0.0	0.0	0.0	0.0	14.3	67.2	129.8	61.2	15.8	0.0	0.0	0.0	43.0
25 pctlile	0.0	0.0	0.0	1.7	24.4	84.0	187.0	159.4	42.0	0.0	0.0	0.0	48.0
Median	0.0	0.0	0.0	6.7	53.7	132.8	232.6	191.9	62.2	0.0	0.0	0.0	54.6
75 pctlile	0.0	0.0	0.0	15.1	79.7	159.7	257.0	221.2	84.0	0.0	0.0	0.0	61.4
90 pctlile	0.0	0.0	0.0	29.6	97.3	188.9	279.1	243.0	97.1	0.0	0.0	0.0	65.0
Max	0.0	0.0	0.0	35.3	112.2	205.0	341.5	281.4	105.9	0.0	0.0	0.0	74.2

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	0.0	0.0	0.0	10.0	52.7	122.3	205.9	171.2	59.8	0.0	0.0	0.0	51.8
------	-----	-----	-----	------	------	-------	-------	-------	------	-----	-----	-----	------

Angostura Contract Negotiation EIS
 Reservoir Canal Discharge (cfs)
 Scen 6 Reservoir Recreation 10,000 acres with 3170 feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1998	0.0	0.0	0.0	0.0	52.0	144.5	214.7	162.6	75.6	0.0	0.0	0.0	54.1
1999	0.0	0.0	0.0	23.5	43.9	131.1	240.7	208.2	80.7	0.0	0.0	0.0	60.7
2000	0.0	0.0	0.0	26.9	53.7	104.2	195.2	143.1	30.3	0.0	0.0	0.0	46.1
2001	0.0	0.0	0.0	5.0	22.8	159.7	193.5	159.4	70.6	0.0	0.0	0.0	50.9
2002	0.0	0.0	0.0	0.0	1.6	90.8	216.3	162.6	50.4	0.0	0.0	0.0	43.5
2003	0.0	0.0	0.0	6.7	87.8	102.5	130.1	190.3	84.0	0.0	0.0	0.0	50.1
2004	0.0	0.0	0.0	11.8	39.0	119.3	209.8	229.3	31.9	0.0	0.0	0.0	53.4
2005	0.0	0.0	0.0	20.2	76.4	109.2	270.0	196.8	89.1	0.0	0.0	0.0	63.5
2006	0.0	0.0	0.0	6.7	37.4	105.9	47.2	21.1	0.0	0.0	0.0	0.0	18.2
2007	0.0	0.0	0.0	26.9	13.0	53.8	139.9	193.5	67.2	0.0	0.0	0.0	41.2
2008	0.0	0.0	0.0	5.0	69.9	60.5	169.1	180.5	48.7	0.0	0.0	0.0	44.5
2009	0.0	0.0	0.0	8.4	43.9	77.3	279.7	170.8	72.3	0.0	0.0	0.0	54.4
2010	0.0	0.0	0.0	16.8	24.4	80.7	167.5	159.4	20.2	0.0	0.0	0.0	39.1
2011	0.0	0.0	0.0	1.7	91.1	168.1	178.9	122.0	52.1	0.0	0.0	0.0	51.1
2012	0.0	0.0	0.0	5.0	19.5	16.8	216.3	196.8	65.5	0.0	0.0	0.0	43.3
2013	0.0	0.0	0.0	1.7	30.9	38.7	183.8	139.9	55.5	0.0	0.0	0.0	37.5
2014	0.0	0.0	0.0	23.5	81.3	97.5	107.3	230.9	85.7	0.0	0.0	0.0	52.2
2015	0.0	0.0	0.0	5.0	71.6	131.1	198.4	216.3	50.4	0.0	0.0	0.0	56.1
2016	0.0	0.0	0.0	1.7	6.5	132.8	175.6	200.0	35.3	0.0	0.0	0.0	46.0
2017	0.0	0.0	0.0	6.7	45.5	68.9	164.3	144.7	57.1	0.0	0.0	0.0	40.6
2018	0.0	0.0	0.0	0.0	9.8	156.3	156.1	169.1	33.6	0.0	0.0	0.0	43.7
2019	0.0	0.0	0.0	3.4	71.6	126.0	240.7	110.6	43.7	0.0	0.0	0.0	49.7
2020	0.0	0.0	0.0	1.7	52.0	58.8	227.7	177.3	62.2	0.0	0.0	0.0	48.3
2021	0.0	0.0	0.0	3.4	50.4	95.8	170.8	141.5	73.9	0.0	0.0	0.0	44.6
2022	0.0	0.0	0.0	13.4	81.3	142.8	138.2	100.8	53.8	0.0	0.0	0.0	44.2
2023	0.0	0.0	0.0	10.1	40.7	131.1	152.9	136.6	84.0	0.0	0.0	0.0	46.3
2024	0.0	0.0	0.0	8.4	55.3	114.3	139.9	130.1	82.3	0.0	0.0	0.0	44.2
2025	0.0	0.0	0.0	18.5	60.2	116.0	229.3	141.5	65.5	0.0	0.0	0.0	52.6
2026	0.0	0.0	0.0	26.9	27.6	151.3	123.6	167.5	77.3	0.0	0.0	0.0	47.9
2027	0.0	0.0	0.0	1.7	0.0	55.5	193.5	157.8	33.6	0.0	0.0	0.0	36.8
2028	0.0	0.0	0.0	0.0	24.4	84.0	213.1	183.8	68.9	0.0	0.0	0.0	47.8
2029	0.0	0.0	0.0	0.0	40.7	107.6	172.4	191.9	47.1	0.0	0.0	0.0	46.6
2030	0.0	0.0	0.0	23.5	89.4	126.0	204.9	156.1	30.3	0.0	0.0	0.0	52.5
2031	0.0	0.0	0.0	1.7	61.8	90.8	195.2	170.8	25.2	0.0	0.0	0.0	45.4
2032	0.0	0.0	0.0	28.6	17.9	158.0	214.7	156.1	55.5	0.0	0.0	0.0	52.6
2033	0.0	0.0	0.0	11.8	47.2	158.0	211.4	113.8	47.1	0.0	0.0	0.0	49.1
2034	0.0	0.0	0.0	8.4	65.1	137.8	74.8	0.0	35.3	0.0	0.0	0.0	26.8
2035	0.0	0.0	0.0	3.4	17.9	109.2	206.5	185.4	11.8	0.0	0.0	0.0	44.5
2036	0.0	0.0	0.0	5.0	19.5	53.8	209.8	156.1	60.5	0.0	0.0	0.0	42.1
2037	0.0	0.0	0.0	11.8	39.0	57.1	105.7	133.4	68.9	0.0	0.0	0.0	34.7
2038	0.0	0.0	0.0	3.4	66.7	50.4	100.8	65.1	31.9	0.0	0.0	0.0	26.5
2039	0.0	0.0	0.0	8.4	76.4	141.2	196.8	156.1	68.9	0.0	0.0	0.0	54.0
2040	0.0	0.0	0.0	0.0	13.0	55.5	167.5	182.2	38.7	0.0	0.0	0.0	38.1
2041	0.0	0.0	0.0	1.7	8.1	142.8	201.7	102.5	37.0	0.0	0.0	0.0	41.1
2042	0.0	0.0	0.0	0.0	19.5	100.8	53.7	162.6	63.9	0.0	0.0	0.0	33.4
Mean	0.0	0.0	0.0	8.9	43.7	104.8	177.8	155.0	53.9	0.0	0.0	0.0	45.3
Min	0.0	0.0	0.0	0.0	0.0	16.8	47.2	0.0	0.0	0.0	0.0	0.0	18.2
10 pctlile	0.0	0.0	0.0	0.0	11.1	54.5	106.4	105.7	30.3	0.0	0.0	0.0	35.5
25 pctlile	0.0	0.0	0.0	1.7	19.5	77.3	152.9	139.9	35.3	0.0	0.0	0.0	41.2
Median	0.0	0.0	0.0	5.0	43.9	107.6	193.5	159.4	55.5	0.0	0.0	0.0	46.0
75 pctlile	0.0	0.0	0.0	11.8	65.1	132.8	211.4	183.8	68.9	0.0	0.0	0.0	51.1
90 pctlile	0.0	0.0	0.0	23.5	79.4	154.3	228.7	198.7	81.7	0.0	0.0	0.0	54.1
Max	0.0	0.0	0.0	28.6	91.1	168.1	279.7	230.9	89.1	0.0	0.0	0.0	63.5

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	0.0	0.0	0.0	8.2	43.0	101.4	171.1	149.3	51.6	0.0	0.0	0.0	43.7
------	-----	-----	-----	-----	------	-------	-------	-------	------	-----	-----	-----	------

Angostura Contract Negotiation EIS
 Reservoir Canal Discharge (cfs)
 Scen 13 Improved Efficiency 12,218 acres with 3163 feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1998	0.0	0.0	0.0	0.0	52.0	141.2	209.8	159.4	73.9	0.0	0.0	0.0	53.0
1999	0.0	0.0	0.0	23.5	42.3	127.7	235.8	204.9	79.0	0.0	0.0	0.0	59.4
2000	0.0	0.0	0.0	25.2	52.0	102.5	191.9	141.5	30.3	0.0	0.0	0.0	45.3
2001	0.0	0.0	0.0	5.0	21.1	158.0	190.3	156.1	68.9	0.0	0.0	0.0	50.0
2002	0.0	0.0	0.0	0.0	1.6	89.1	213.1	159.4	50.4	0.0	0.0	0.0	42.8
2003	0.0	0.0	0.0	6.7	86.2	100.8	128.5	187.0	82.3	0.0	0.0	0.0	49.3
2004	0.0	0.0	0.0	11.8	39.0	117.6	206.5	224.4	31.9	0.0	0.0	0.0	52.6
2005	0.0	0.0	0.0	20.2	74.8	107.6	265.1	193.5	87.4	0.0	0.0	0.0	62.4
2006	0.0	0.0	0.0	6.7	37.4	168.1	164.3	216.3	0.0	0.0	0.0	0.0	49.4
2007	0.0	0.0	0.0	26.9	13.0	53.8	136.6	190.3	65.5	0.0	0.0	0.0	40.5
2008	0.0	0.0	0.0	5.0	68.3	58.8	165.9	177.3	48.7	0.0	0.0	0.0	43.7
2009	0.0	0.0	0.0	6.7	42.3	75.6	274.9	167.5	70.6	0.0	0.0	0.0	53.1
2010	0.0	0.0	0.0	15.1	24.4	79.0	164.3	156.1	20.2	0.0	0.0	0.0	38.3
2011	0.0	0.0	0.0	1.7	89.4	164.7	175.6	120.3	50.4	0.0	0.0	0.0	50.2
2012	0.0	0.0	0.0	5.0	17.9	16.8	213.1	193.5	65.5	0.0	0.0	0.0	42.7
2013	0.0	0.0	0.0	1.7	30.9	37.0	182.2	138.2	55.5	0.0	0.0	0.0	37.1
2014	0.0	0.0	0.0	23.5	79.7	95.8	105.7	226.1	84.0	0.0	0.0	0.0	51.2
2015	0.0	0.0	0.0	5.0	69.9	127.7	193.5	213.1	50.4	0.0	0.0	0.0	55.0
2016	0.0	0.0	0.0	1.7	6.5	129.4	172.4	196.8	35.3	0.0	0.0	0.0	45.2
2017	0.0	0.0	0.0	6.7	45.5	68.9	161.0	143.1	55.5	0.0	0.0	0.0	40.1
2018	0.0	0.0	0.0	0.0	9.8	154.6	152.9	165.9	33.6	0.0	0.0	0.0	43.1
2019	0.0	0.0	0.0	3.4	69.9	124.4	237.4	109.0	42.0	0.0	0.0	0.0	48.8
2020	0.0	0.0	0.0	1.7	52.0	58.8	222.8	174.0	62.2	0.0	0.0	0.0	47.6
2021	0.0	0.0	0.0	3.4	50.4	94.1	167.5	139.9	72.3	0.0	0.0	0.0	44.0
2022	0.0	0.0	0.0	13.4	79.7	141.2	135.0	99.2	53.8	0.0	0.0	0.0	43.5
2023	0.0	0.0	0.0	10.1	40.7	129.4	151.3	133.4	82.3	0.0	0.0	0.0	45.6
2024	0.0	0.0	0.0	6.7	55.3	110.9	138.2	128.5	80.7	0.0	0.0	0.0	43.4
2025	0.0	0.0	0.0	18.5	60.2	114.3	224.4	139.9	65.5	0.0	0.0	0.0	51.9
2026	0.0	0.0	0.0	26.9	27.6	147.9	122.0	164.3	75.6	0.0	0.0	0.0	47.0
2027	0.0	0.0	0.0	1.7	0.0	53.8	190.3	154.5	33.6	0.0	0.0	0.0	36.2
2028	0.0	0.0	0.0	0.0	24.4	82.3	209.8	180.5	67.2	0.0	0.0	0.0	47.0
2029	0.0	0.0	0.0	0.0	39.0	105.9	169.1	188.7	45.4	0.0	0.0	0.0	45.7
2030	0.0	0.0	0.0	23.5	87.8	124.4	201.7	154.5	30.3	0.0	0.0	0.0	51.8
2031	0.0	0.0	0.0	1.7	61.8	90.8	191.9	167.5	25.2	0.0	0.0	0.0	44.9
2032	0.0	0.0	0.0	28.6	16.3	154.6	211.4	154.5	53.8	0.0	0.0	0.0	51.6
2033	0.0	0.0	0.0	11.8	45.5	156.3	208.2	112.2	47.1	0.0	0.0	0.0	48.4
2034	0.0	0.0	0.0	8.4	63.4	136.1	203.3	96.0	33.6	0.0	0.0	0.0	45.1
2035	0.0	0.0	0.0	3.4	17.9	107.6	203.3	187.0	31.9	0.0	0.0	0.0	45.9
2036	0.0	0.0	0.0	0.0	19.5	52.1	206.5	152.9	58.8	0.0	0.0	0.0	40.8
2037	0.0	0.0	0.0	11.8	39.0	55.5	104.1	131.7	67.2	0.0	0.0	0.0	34.1
2038	0.0	0.0	0.0	3.4	65.1	48.7	99.2	65.1	30.3	0.0	0.0	0.0	26.0
2039	0.0	0.0	0.0	8.4	76.4	137.8	193.5	152.9	68.9	0.0	0.0	0.0	53.2
2040	0.0	0.0	0.0	0.0	13.0	53.8	165.9	178.9	38.7	0.0	0.0	0.0	37.5
2041	0.0	0.0	0.0	1.7	6.5	139.5	198.4	99.2	37.0	0.0	0.0	0.0	40.2
2042	0.0	0.0	0.0	0.0	19.5	99.2	53.7	159.4	62.2	0.0	0.0	0.0	32.8
Mean	0.0	0.0	0.0	8.6	43.0	104.3	180.3	159.0	53.4	0.0	0.0	0.0	45.7
Min	0.0	0.0	0.0	0.0	0.0	48.7	53.7	65.1	0.0	0.0	0.0	0.0	26.0
10 pctlile	0.0	0.0	0.0	0.0	11.1	53.8	124.6	110.3	30.3	0.0	0.0	0.0	37.3
25 pctlile	0.0	0.0	0.0	1.7	19.5	75.6	161.0	139.9	35.3	0.0	0.0	0.0	42.7
Median	0.0	0.0	0.0	5.0	42.3	107.6	190.3	159.4	53.8	0.0	0.0	0.0	45.6
75 pctlile	0.0	0.0	0.0	11.8	63.4	136.1	208.2	187.0	68.9	0.0	0.0	0.0	50.2
90 pctlile	0.0	0.0	0.0	23.5	78.4	154.6	223.8	201.7	80.0	0.0	0.0	0.0	53.1
Max	0.0	0.0	0.0	28.6	89.4	168.1	274.9	226.1	87.4	0.0	0.0	0.0	62.4

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	0.0	0.0	0.0	7.9	42.3	101.3	174.9	154.8	51.4	0.0	0.0	0.0	44.4
------	-----	-----	-----	-----	------	-------	-------	-------	------	-----	-----	-----	------

Angostura Contract Negotiation EIS
 Reservoir Canal Discharge (cfs)
 Scen 14 Improved Efficiency 10,000 acres with 3163 feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1998	0.0	0.0	0.0	0.0	42.3	116.0	172.4	130.1	60.5	0.0	0.0	0.0	43.4
1999	0.0	0.0	0.0	20.2	35.8	104.2	193.5	167.5	65.5	0.0	0.0	0.0	48.9
2000	0.0	0.0	0.0	20.2	42.3	84.0	157.8	115.5	25.2	0.0	0.0	0.0	37.1
2001	0.0	0.0	0.0	3.4	17.9	129.4	154.5	126.9	57.1	0.0	0.0	0.0	40.8
2002	0.0	0.0	0.0	0.0	1.6	73.9	174.0	130.1	40.3	0.0	0.0	0.0	35.0
2003	0.0	0.0	0.0	5.0	71.6	82.3	105.7	152.9	67.2	0.0	0.0	0.0	40.4
2004	0.0	0.0	0.0	10.1	30.9	95.8	169.1	183.8	26.9	0.0	0.0	0.0	43.0
2005	0.0	0.0	0.0	16.8	61.8	87.4	217.9	157.8	72.3	0.0	0.0	0.0	51.2
2006	0.0	0.0	0.0	5.0	30.9	137.8	135.0	185.4	40.3	0.0	0.0	0.0	44.5
2007	0.0	0.0	0.0	21.8	11.4	43.7	112.2	156.1	53.8	0.0	0.0	0.0	33.3
2008	0.0	0.0	0.0	3.4	55.3	48.7	135.0	146.4	40.3	0.0	0.0	0.0	35.8
2009	0.0	0.0	0.0	6.7	35.8	62.2	224.4	136.6	57.1	0.0	0.0	0.0	43.6
2010	0.0	0.0	0.0	13.4	19.5	65.5	135.0	128.5	16.8	0.0	0.0	0.0	31.6
2011	0.0	0.0	0.0	1.7	73.2	134.4	143.1	99.2	42.0	0.0	0.0	0.0	41.1
2012	0.0	0.0	0.0	3.4	14.6	13.4	174.0	157.8	53.8	0.0	0.0	0.0	34.7
2013	0.0	0.0	0.0	1.7	24.4	30.3	148.0	112.2	45.4	0.0	0.0	0.0	30.2
2014	0.0	0.0	0.0	18.5	65.1	79.0	86.2	185.4	68.9	0.0	0.0	0.0	41.9
2015	0.0	0.0	0.0	3.4	58.5	105.9	159.4	174.0	40.3	0.0	0.0	0.0	45.1
2016	0.0	0.0	0.0	1.7	6.5	105.9	141.5	161.0	28.6	0.0	0.0	0.0	37.1
2017	0.0	0.0	0.0	6.7	37.4	55.5	131.7	117.1	45.4	0.0	0.0	0.0	32.8
2018	0.0	0.0	0.0	0.0	8.1	126.0	125.2	135.0	26.9	0.0	0.0	0.0	35.1
2019	0.0	0.0	0.0	1.7	56.9	102.5	193.5	89.4	35.3	0.0	0.0	0.0	39.9
2020	0.0	0.0	0.0	1.7	42.3	47.1	182.2	143.1	50.4	0.0	0.0	0.0	38.9
2021	0.0	0.0	0.0	3.4	40.7	77.3	136.6	113.8	58.8	0.0	0.0	0.0	35.9
2022	0.0	0.0	0.0	11.8	65.1	114.3	110.6	81.3	43.7	0.0	0.0	0.0	35.6
2023	0.0	0.0	0.0	8.4	32.5	105.9	123.6	109.0	67.2	0.0	0.0	0.0	37.2
2024	0.0	0.0	0.0	6.7	45.5	90.8	113.8	104.1	67.2	0.0	0.0	0.0	35.7
2025	0.0	0.0	0.0	15.1	48.8	94.1	183.8	113.8	53.8	0.0	0.0	0.0	42.5
2026	0.0	0.0	0.0	21.8	22.8	121.0	99.2	135.0	62.2	0.0	0.0	0.0	38.5
2027	0.0	0.0	0.0	1.7	0.0	43.7	154.5	126.9	26.9	0.0	0.0	0.0	29.5
2028	0.0	0.0	0.0	0.0	19.5	67.2	172.4	148.0	55.5	0.0	0.0	0.0	38.5
2029	0.0	0.0	0.0	0.0	32.5	87.4	138.2	154.5	37.0	0.0	0.0	0.0	37.5
2030	0.0	0.0	0.0	18.5	71.6	102.5	164.3	126.9	23.5	0.0	0.0	0.0	42.3
2031	0.0	0.0	0.0	1.7	50.4	73.9	157.8	136.6	20.2	0.0	0.0	0.0	36.7
2032	0.0	0.0	0.0	23.5	14.6	127.7	172.4	126.9	43.7	0.0	0.0	0.0	42.4
2033	0.0	0.0	0.0	10.1	37.4	127.7	170.8	92.7	38.7	0.0	0.0	0.0	39.8
2034	0.0	0.0	0.0	6.7	52.0	110.9	165.9	141.5	28.6	0.0	0.0	0.0	42.1
2035	0.0	0.0	0.0	1.7	14.6	87.4	165.9	152.9	55.5	0.0	0.0	0.0	39.8
2036	0.0	0.0	0.0	0.0	16.3	43.7	169.1	125.2	48.7	0.0	0.0	0.0	33.6
2037	0.0	0.0	0.0	10.1	30.9	45.4	84.6	107.3	55.5	0.0	0.0	0.0	27.8
2038	0.0	0.0	0.0	3.4	53.7	40.3	81.3	52.0	25.2	0.0	0.0	0.0	21.3
2039	0.0	0.0	0.0	6.7	61.8	112.6	159.4	125.2	55.5	0.0	0.0	0.0	43.4
2040	0.0	0.0	0.0	0.0	9.8	43.7	135.0	146.4	31.9	0.0	0.0	0.0	30.6
2041	0.0	0.0	0.0	0.0	6.5	114.3	162.6	81.3	30.3	0.0	0.0	0.0	32.9
2042	0.0	0.0	0.0	0.0	16.3	80.7	43.9	130.1	52.1	0.0	0.0	0.0	26.9
Mean	0.0	0.0	0.0	7.1	35.3	85.4	147.5	131.6	45.4	0.0	0.0	0.0	37.7
Min	0.0	0.0	0.0	0.0	0.0	40.3	43.9	52.0	16.8	0.0	0.0	0.0	21.3
10 pctl	0.0	0.0	0.0	0.0	8.8	43.7	101.8	95.3	25.9	0.0	0.0	0.0	30.3
25 pctl	0.0	0.0	0.0	1.7	16.3	62.2	131.7	113.8	31.9	0.0	0.0	0.0	34.7
Median	0.0	0.0	0.0	3.4	35.8	87.4	154.5	130.1	45.4	0.0	0.0	0.0	37.5
75 pctl	0.0	0.0	0.0	10.1	52.0	110.9	170.8	152.9	55.5	0.0	0.0	0.0	42.1
90 pctl	0.0	0.0	0.0	19.5	63.8	127.1	183.1	164.9	66.6	0.0	0.0	0.0	43.5
Max	0.0	0.0	0.0	23.5	73.2	137.8	224.4	185.4	72.3	0.0	0.0	0.0	51.2

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	0.0	0.0	0.0	6.5	34.7	83.0	143.0	128.6	44.0	0.0	0.0	0.0	36.7
------	-----	-----	-----	-----	------	------	-------	-------	------	-----	-----	-----	------

Angostura Contract Negotiation EIS
 Reservoir Canal Discharge (cfs)
 Scen 15 Improved Efficiency 12,218 acres with 3170 feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1998	0.0	0.0	0.0	0.0	52.0	141.2	209.8	159.4	73.9	0.0	0.0	0.0	53.0
1999	0.0	0.0	0.0	23.5	42.3	127.7	235.8	204.9	79.0	0.0	0.0	0.0	59.4
2000	0.0	0.0	0.0	25.2	52.0	102.5	191.9	141.5	30.3	0.0	0.0	0.0	45.3
2001	0.0	0.0	0.0	5.0	21.1	158.0	190.3	156.1	68.9	0.0	0.0	0.0	50.0
2002	0.0	0.0	0.0	0.0	1.6	89.1	213.1	159.4	50.4	0.0	0.0	0.0	42.8
2003	0.0	0.0	0.0	6.7	86.2	100.8	128.5	187.0	82.3	0.0	0.0	0.0	49.3
2004	0.0	0.0	0.0	11.8	39.0	117.6	206.5	224.4	31.9	0.0	0.0	0.0	52.6
2005	0.0	0.0	0.0	20.2	74.8	107.6	265.1	193.5	87.4	0.0	0.0	0.0	62.4
2006	0.0	0.0	0.0	6.7	37.4	129.4	47.2	21.1	0.0	0.0	0.0	0.0	20.2
2007	0.0	0.0	0.0	26.9	13.0	53.8	136.6	190.3	65.5	0.0	0.0	0.0	40.5
2008	0.0	0.0	0.0	5.0	68.3	58.8	165.9	177.3	48.7	0.0	0.0	0.0	43.7
2009	0.0	0.0	0.0	6.7	42.3	75.6	274.9	167.5	70.6	0.0	0.0	0.0	53.1
2010	0.0	0.0	0.0	15.1	24.4	79.0	164.3	156.1	20.2	0.0	0.0	0.0	38.3
2011	0.0	0.0	0.0	1.7	89.4	164.7	175.6	120.3	50.4	0.0	0.0	0.0	50.2
2012	0.0	0.0	0.0	5.0	17.9	16.8	213.1	193.5	65.5	0.0	0.0	0.0	42.7
2013	0.0	0.0	0.0	1.7	30.9	37.0	182.2	138.2	55.5	0.0	0.0	0.0	37.1
2014	0.0	0.0	0.0	23.5	79.7	95.8	105.7	226.1	84.0	0.0	0.0	0.0	51.2
2015	0.0	0.0	0.0	5.0	69.9	127.7	193.5	213.1	50.4	0.0	0.0	0.0	55.0
2016	0.0	0.0	0.0	1.7	6.5	129.4	172.4	196.8	35.3	0.0	0.0	0.0	45.2
2017	0.0	0.0	0.0	6.7	45.5	68.9	161.0	143.1	55.5	0.0	0.0	0.0	40.1
2018	0.0	0.0	0.0	0.0	9.8	154.6	152.9	165.9	33.6	0.0	0.0	0.0	43.1
2019	0.0	0.0	0.0	3.4	69.9	124.4	237.4	109.0	42.0	0.0	0.0	0.0	48.8
2020	0.0	0.0	0.0	1.7	52.0	58.8	222.8	174.0	62.2	0.0	0.0	0.0	47.6
2021	0.0	0.0	0.0	3.4	50.4	94.1	167.5	139.9	72.3	0.0	0.0	0.0	44.0
2022	0.0	0.0	0.0	13.4	79.7	141.2	135.0	99.2	53.8	0.0	0.0	0.0	43.5
2023	0.0	0.0	0.0	10.1	40.7	129.4	151.3	133.4	82.3	0.0	0.0	0.0	45.6
2024	0.0	0.0	0.0	6.7	55.3	110.9	138.2	128.5	80.7	0.0	0.0	0.0	43.4
2025	0.0	0.0	0.0	18.5	60.2	114.3	224.4	139.9	65.5	0.0	0.0	0.0	51.9
2026	0.0	0.0	0.0	26.9	27.6	147.9	122.0	164.3	75.6	0.0	0.0	0.0	47.0
2027	0.0	0.0	0.0	1.7	0.0	53.8	190.3	154.5	33.6	0.0	0.0	0.0	36.2
2028	0.0	0.0	0.0	0.0	24.4	82.3	209.8	180.5	67.2	0.0	0.0	0.0	47.0
2029	0.0	0.0	0.0	0.0	39.0	105.9	169.1	188.7	45.4	0.0	0.0	0.0	45.7
2030	0.0	0.0	0.0	23.5	87.8	124.4	201.7	154.5	30.3	0.0	0.0	0.0	51.8
2031	0.0	0.0	0.0	1.7	61.8	90.8	191.9	167.5	25.2	0.0	0.0	0.0	44.9
2032	0.0	0.0	0.0	28.6	16.3	154.6	211.4	154.5	53.8	0.0	0.0	0.0	51.6
2033	0.0	0.0	0.0	11.8	45.5	156.3	208.2	112.2	47.1	0.0	0.0	0.0	48.4
2034	0.0	0.0	0.0	8.4	63.4	136.1	91.1	0.0	33.6	0.0	0.0	0.0	27.7
2035	0.0	0.0	0.0	3.4	17.9	107.6	203.3	187.0	16.8	0.0	0.0	0.0	44.7
2036	0.0	0.0	0.0	0.0	19.5	52.1	206.5	152.9	58.8	0.0	0.0	0.0	40.8
2037	0.0	0.0	0.0	11.8	39.0	55.5	104.1	131.7	67.2	0.0	0.0	0.0	34.1
2038	0.0	0.0	0.0	3.4	65.1	48.7	99.2	65.1	30.3	0.0	0.0	0.0	26.0
2039	0.0	0.0	0.0	8.4	76.4	137.8	193.5	152.9	68.9	0.0	0.0	0.0	53.2
2040	0.0	0.0	0.0	0.0	13.0	53.8	165.9	178.9	38.7	0.0	0.0	0.0	37.5
2041	0.0	0.0	0.0	1.7	6.5	139.5	198.4	99.2	37.0	0.0	0.0	0.0	40.2
2042	0.0	0.0	0.0	0.0	19.5	99.2	53.7	159.4	62.2	0.0	0.0	0.0	32.8
Mean	0.0	0.0	0.0	8.6	43.0	103.4	175.2	152.5	53.1	0.0	0.0	0.0	44.7
Min	0.0	0.0	0.0	0.0	0.0	48.7	47.2	0.0	0.0	0.0	0.0	0.0	20.2
10 pctlile	0.0	0.0	0.0	0.0	11.1	53.8	104.7	103.1	30.3	0.0	0.0	0.0	34.9
25 pctlile	0.0	0.0	0.0	1.7	19.5	75.6	151.3	138.2	35.3	0.0	0.0	0.0	40.5
Median	0.0	0.0	0.0	5.0	42.3	107.6	190.3	156.1	53.8	0.0	0.0	0.0	45.2
75 pctlile	0.0	0.0	0.0	11.8	63.4	129.4	208.2	180.5	68.9	0.0	0.0	0.0	50.2
90 pctlile	0.0	0.0	0.0	23.5	78.4	151.9	223.8	195.5	80.0	0.0	0.0	0.0	53.1
Max	0.0	0.0	0.0	28.6	89.4	164.7	274.9	226.1	87.4	0.0	0.0	0.0	62.4

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	0.0	0.0	0.0	7.9	42.3	100.3	168.7	146.9	51.0	0.0	0.0	0.0	43.1
------	-----	-----	-----	-----	------	-------	-------	-------	------	-----	-----	-----	------

Angostura Contract Negotiation EIS
 Reservoir Canal Discharge (cfs)
 Scen 16 Improved Efficiency 10,000 acres with 3170 feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1998	0.0	0.0	0.0	0.0	42.3	116.0	172.4	130.1	60.5	0.0	0.0	0.0	43.4
1999	0.0	0.0	0.0	20.2	35.8	104.2	193.5	167.5	65.5	0.0	0.0	0.0	48.9
2000	0.0	0.0	0.0	20.2	42.3	84.0	157.8	115.5	25.2	0.0	0.0	0.0	37.1
2001	0.0	0.0	0.0	3.4	17.9	129.4	154.5	126.9	57.1	0.0	0.0	0.0	40.8
2002	0.0	0.0	0.0	0.0	1.6	73.9	174.0	130.1	40.3	0.0	0.0	0.0	35.0
2003	0.0	0.0	0.0	5.0	71.6	82.3	105.7	152.9	67.2	0.0	0.0	0.0	40.4
2004	0.0	0.0	0.0	10.1	30.9	95.8	169.1	183.8	26.9	0.0	0.0	0.0	43.0
2005	0.0	0.0	0.0	16.8	61.8	87.4	217.9	157.8	72.3	0.0	0.0	0.0	51.2
2006	0.0	0.0	0.0	5.0	30.9	137.8	135.0	172.4	0.0	0.0	0.0	0.0	40.1
2007	0.0	0.0	0.0	21.8	11.4	43.7	112.2	156.1	53.8	0.0	0.0	0.0	33.3
2008	0.0	0.0	0.0	3.4	55.3	48.7	135.0	146.4	40.3	0.0	0.0	0.0	35.8
2009	0.0	0.0	0.0	6.7	35.8	62.2	224.4	136.6	57.1	0.0	0.0	0.0	43.6
2010	0.0	0.0	0.0	13.4	19.5	65.5	135.0	128.5	16.8	0.0	0.0	0.0	31.6
2011	0.0	0.0	0.0	1.7	73.2	134.4	143.1	99.2	42.0	0.0	0.0	0.0	41.1
2012	0.0	0.0	0.0	3.4	14.6	13.4	174.0	157.8	53.8	0.0	0.0	0.0	34.7
2013	0.0	0.0	0.0	1.7	24.4	30.3	148.0	112.2	45.4	0.0	0.0	0.0	30.2
2014	0.0	0.0	0.0	18.5	65.1	79.0	86.2	185.4	68.9	0.0	0.0	0.0	41.9
2015	0.0	0.0	0.0	3.4	58.5	105.9	159.4	174.0	40.3	0.0	0.0	0.0	45.1
2016	0.0	0.0	0.0	1.7	6.5	105.9	141.5	161.0	28.6	0.0	0.0	0.0	37.1
2017	0.0	0.0	0.0	6.7	37.4	55.5	131.7	117.1	45.4	0.0	0.0	0.0	32.8
2018	0.0	0.0	0.0	0.0	8.1	126.0	125.2	135.0	26.9	0.0	0.0	0.0	35.1
2019	0.0	0.0	0.0	1.7	56.9	102.5	193.5	89.4	35.3	0.0	0.0	0.0	39.9
2020	0.0	0.0	0.0	1.7	42.3	47.1	182.2	143.1	50.4	0.0	0.0	0.0	38.9
2021	0.0	0.0	0.0	3.4	40.7	77.3	136.6	113.8	58.8	0.0	0.0	0.0	35.9
2022	0.0	0.0	0.0	11.8	65.1	114.3	110.6	81.3	43.7	0.0	0.0	0.0	35.6
2023	0.0	0.0	0.0	8.4	32.5	105.9	123.6	109.0	67.2	0.0	0.0	0.0	37.2
2024	0.0	0.0	0.0	6.7	45.5	90.8	113.8	104.1	67.2	0.0	0.0	0.0	35.7
2025	0.0	0.0	0.0	15.1	48.8	94.1	183.8	113.8	53.8	0.0	0.0	0.0	42.5
2026	0.0	0.0	0.0	21.8	22.8	121.0	99.2	135.0	62.2	0.0	0.0	0.0	38.5
2027	0.0	0.0	0.0	1.7	0.0	43.7	154.5	126.9	26.9	0.0	0.0	0.0	29.5
2028	0.0	0.0	0.0	0.0	19.5	67.2	172.4	148.0	55.5	0.0	0.0	0.0	38.5
2029	0.0	0.0	0.0	0.0	32.5	87.4	138.2	154.5	37.0	0.0	0.0	0.0	37.5
2030	0.0	0.0	0.0	18.5	71.6	102.5	164.3	126.9	23.5	0.0	0.0	0.0	42.3
2031	0.0	0.0	0.0	1.7	50.4	73.9	157.8	136.6	20.2	0.0	0.0	0.0	36.7
2032	0.0	0.0	0.0	23.5	14.6	127.7	172.4	126.9	43.7	0.0	0.0	0.0	42.4
2033	0.0	0.0	0.0	10.1	37.4	127.7	170.8	92.7	38.7	0.0	0.0	0.0	39.8
2034	0.0	0.0	0.0	6.7	52.0	110.9	165.9	120.3	28.6	0.0	0.0	0.0	40.4
2035	0.0	0.0	0.0	1.7	14.6	87.4	165.9	152.9	55.5	0.0	0.0	0.0	39.8
2036	0.0	0.0	0.0	0.0	16.3	43.7	169.1	125.2	48.7	0.0	0.0	0.0	33.6
2037	0.0	0.0	0.0	10.1	30.9	45.4	84.6	107.3	55.5	0.0	0.0	0.0	27.8
2038	0.0	0.0	0.0	3.4	53.7	40.3	81.3	52.0	25.2	0.0	0.0	0.0	21.3
2039	0.0	0.0	0.0	6.7	61.8	112.6	159.4	125.2	55.5	0.0	0.0	0.0	43.4
2040	0.0	0.0	0.0	0.0	9.8	43.7	135.0	146.4	31.9	0.0	0.0	0.0	30.6
2041	0.0	0.0	0.0	0.0	6.5	114.3	162.6	81.3	30.3	0.0	0.0	0.0	32.9
2042	0.0	0.0	0.0	0.0	16.3	80.7	43.9	130.1	52.1	0.0	0.0	0.0	26.9
Mean	0.0	0.0	0.0	7.1	35.3	85.4	147.5	130.9	44.5	0.0	0.0	0.0	37.5
Min	0.0	0.0	0.0	0.0	0.0	40.3	43.9	52.0	0.0	0.0	0.0	0.0	21.3
10 pctl	0.0	0.0	0.0	0.0	8.8	43.7	101.8	95.3	25.2	0.0	0.0	0.0	30.3
25 pctl	0.0	0.0	0.0	1.7	16.3	62.2	131.7	113.8	30.3	0.0	0.0	0.0	34.7
Median	0.0	0.0	0.0	3.4	35.8	87.4	154.5	130.1	45.4	0.0	0.0	0.0	37.5
75 pctl	0.0	0.0	0.0	10.1	52.0	110.9	170.8	152.9	55.5	0.0	0.0	0.0	41.1
90 pctl	0.0	0.0	0.0	19.5	63.8	127.1	183.1	164.9	66.6	0.0	0.0	0.0	43.4
Max	0.0	0.0	0.0	23.5	73.2	137.8	224.4	185.4	72.3	0.0	0.0	0.0	51.2

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	0.0	0.0	0.0	6.5	34.7	83.0	143.0	127.7	42.9	0.0	0.0	0.0	36.5
------	-----	-----	-----	-----	------	------	-------	-------	------	-----	-----	-----	------

Angostura Contract Negotiation EIS
 Reservoir Canal Discharge (cfs)
 Scen 17 Improved Efficiency 12,218 acres with 3163 feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1998	0.0	0.0	0.0	0.0	52.0	141.2	209.8	159.4	73.9	0.0	0.0	0.0	53.0
1999	0.0	0.0	0.0	23.5	42.3	127.7	235.8	204.9	79.0	0.0	0.0	0.0	59.4
2000	0.0	0.0	0.0	25.2	52.0	102.5	191.9	141.5	30.3	0.0	0.0	0.0	45.3
2001	0.0	0.0	0.0	5.0	21.1	158.0	190.3	156.1	68.9	0.0	0.0	0.0	50.0
2002	0.0	0.0	0.0	0.0	1.6	89.1	213.1	159.4	50.4	0.0	0.0	0.0	42.8
2003	0.0	0.0	0.0	6.7	86.2	100.8	128.5	187.0	82.3	0.0	0.0	0.0	49.3
2004	0.0	0.0	0.0	11.8	39.0	117.6	206.5	224.4	31.9	0.0	0.0	0.0	52.6
2005	0.0	0.0	0.0	20.2	74.8	107.6	265.1	86.2	0.0	0.0	0.0	0.0	46.2
2006	0.0	0.0	0.0	6.7	37.4	85.7	45.5	16.3	0.0	0.0	0.0	0.0	16.0
2007	0.0	0.0	0.0	26.9	13.0	53.8	136.6	190.3	65.5	0.0	0.0	0.0	40.5
2008	0.0	0.0	0.0	5.0	68.3	58.8	165.9	177.3	48.7	0.0	0.0	0.0	43.7
2009	0.0	0.0	0.0	6.7	42.3	75.6	274.9	167.5	70.6	0.0	0.0	0.0	53.1
2010	0.0	0.0	0.0	15.1	24.4	79.0	164.3	156.1	20.2	0.0	0.0	0.0	38.3
2011	0.0	0.0	0.0	1.7	89.4	164.7	175.6	120.3	50.4	0.0	0.0	0.0	50.2
2012	0.0	0.0	0.0	5.0	17.9	16.8	213.1	193.5	65.5	0.0	0.0	0.0	42.7
2013	0.0	0.0	0.0	1.7	30.9	37.0	182.2	138.2	55.5	0.0	0.0	0.0	37.1
2014	0.0	0.0	0.0	23.5	79.7	95.8	105.7	226.1	84.0	0.0	0.0	0.0	51.2
2015	0.0	0.0	0.0	5.0	69.9	127.7	193.5	213.1	18.5	0.0	0.0	0.0	52.3
2016	0.0	0.0	0.0	1.7	6.5	129.4	172.4	196.8	35.3	0.0	0.0	0.0	45.2
2017	0.0	0.0	0.0	6.7	45.5	68.9	161.0	143.1	55.5	0.0	0.0	0.0	40.1
2018	0.0	0.0	0.0	0.0	9.8	154.6	152.9	165.9	33.6	0.0	0.0	0.0	43.1
2019	0.0	0.0	0.0	3.4	69.9	124.4	237.4	109.0	42.0	0.0	0.0	0.0	48.8
2020	0.0	0.0	0.0	1.7	52.0	58.8	222.8	174.0	62.2	0.0	0.0	0.0	47.6
2021	0.0	0.0	0.0	3.4	50.4	94.1	167.5	139.9	72.3	0.0	0.0	0.0	44.0
2022	0.0	0.0	0.0	13.4	79.7	141.2	135.0	99.2	53.8	0.0	0.0	0.0	43.5
2023	0.0	0.0	0.0	10.1	40.7	129.4	151.3	133.4	82.3	0.0	0.0	0.0	45.6
2024	0.0	0.0	0.0	6.7	55.3	110.9	138.2	128.5	80.7	0.0	0.0	0.0	43.4
2025	0.0	0.0	0.0	18.5	60.2	114.3	224.4	139.9	65.5	0.0	0.0	0.0	51.9
2026	0.0	0.0	0.0	26.9	27.6	147.9	122.0	164.3	75.6	0.0	0.0	0.0	47.0
2027	0.0	0.0	0.0	1.7	0.0	53.8	190.3	154.5	33.6	0.0	0.0	0.0	36.2
2028	0.0	0.0	0.0	0.0	24.4	82.3	209.8	180.5	67.2	0.0	0.0	0.0	47.0
2029	0.0	0.0	0.0	0.0	39.0	105.9	169.1	188.7	45.4	0.0	0.0	0.0	45.7
2030	0.0	0.0	0.0	23.5	87.8	124.4	201.7	120.3	11.8	0.0	0.0	0.0	47.5
2031	0.0	0.0	0.0	1.7	61.8	90.8	191.9	167.5	25.2	0.0	0.0	0.0	44.9
2032	0.0	0.0	0.0	28.6	16.3	154.6	211.4	154.5	53.8	0.0	0.0	0.0	51.6
2033	0.0	0.0	0.0	11.8	45.5	156.3	190.3	21.1	13.4	0.0	0.0	0.0	36.5
2034	0.0	0.0	0.0	8.4	63.4	136.1	39.0	0.0	33.6	0.0	0.0	0.0	23.4
2035	0.0	0.0	0.0	3.4	17.9	107.6	203.3	172.4	10.1	0.0	0.0	0.0	42.9
2036	0.0	0.0	0.0	0.0	19.5	52.1	206.5	152.9	58.8	0.0	0.0	0.0	40.8
2037	0.0	0.0	0.0	11.8	39.0	55.5	104.1	131.7	67.2	0.0	0.0	0.0	34.1
2038	0.0	0.0	0.0	3.4	65.1	48.7	99.2	65.1	30.3	0.0	0.0	0.0	26.0
2039	0.0	0.0	0.0	8.4	76.4	137.8	193.5	152.9	68.9	0.0	0.0	0.0	53.2
2040	0.0	0.0	0.0	0.0	13.0	53.8	165.9	178.9	38.7	0.0	0.0	0.0	37.5
2041	0.0	0.0	0.0	1.7	6.5	139.5	198.4	99.2	37.0	0.0	0.0	0.0	40.2
2042	0.0	0.0	0.0	0.0	19.5	99.2	53.7	159.4	62.2	0.0	0.0	0.0	32.8
Mean	0.0	0.0	0.0	8.6	43.0	102.5	173.6	146.9	49.1	0.0	0.0	0.0	43.6
Min	0.0	0.0	0.0	0.0	0.0	48.7	39.0	0.0	0.0	0.0	0.0	0.0	16.0
10 pctl	0.0	0.0	0.0	0.0	11.1	53.8	104.7	91.4	15.5	0.0	0.0	0.0	34.9
25 pctl	0.0	0.0	0.0	1.7	19.5	75.6	151.3	131.7	33.6	0.0	0.0	0.0	40.2
Median	0.0	0.0	0.0	5.0	42.3	105.9	190.3	156.1	53.8	0.0	0.0	0.0	44.9
75 pctl	0.0	0.0	0.0	11.8	63.4	129.4	206.5	177.3	67.2	0.0	0.0	0.0	49.3
90 pctl	0.0	0.0	0.0	23.5	78.4	151.9	223.8	195.5	77.6	0.0	0.0	0.0	52.5
Max	0.0	0.0	0.0	28.6	89.4	164.7	274.9	226.1	84.0	0.0	0.0	0.0	59.4

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	0.0	0.0	0.0	7.9	42.3	99.1	166.8	143.0	48.5	0.0	0.0	0.0	42.3
------	-----	-----	-----	-----	------	------	-------	-------	------	-----	-----	-----	------

Angostura Contract Negotiation EIS
 Reservoir Canal Discharge (cfs)
 Scen 18 Improved Efficiency 10,000 acres with 3163 feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1998	0.0	0.0	0.0	0.0	42.3	116.0	172.4	130.1	60.5	0.0	0.0	0.0	43.4
1999	0.0	0.0	0.0	20.2	35.8	104.2	193.5	167.5	65.5	0.0	0.0	0.0	48.9
2000	0.0	0.0	0.0	20.2	42.3	84.0	157.8	115.5	25.2	0.0	0.0	0.0	37.1
2001	0.0	0.0	0.0	3.4	17.9	129.4	154.5	126.9	57.1	0.0	0.0	0.0	40.8
2002	0.0	0.0	0.0	0.0	1.6	73.9	174.0	130.1	40.3	0.0	0.0	0.0	35.0
2003	0.0	0.0	0.0	5.0	71.6	82.3	105.7	152.9	67.2	0.0	0.0	0.0	40.4
2004	0.0	0.0	0.0	10.1	30.9	95.8	169.1	183.8	26.9	0.0	0.0	0.0	43.0
2005	0.0	0.0	0.0	16.8	61.8	87.4	217.9	157.8	72.3	0.0	0.0	0.0	51.2
2006	0.0	0.0	0.0	5.0	30.9	137.8	60.2	16.3	0.0	0.0	0.0	0.0	20.8
2007	0.0	0.0	0.0	21.8	11.4	43.7	112.2	156.1	53.8	0.0	0.0	0.0	33.3
2008	0.0	0.0	0.0	3.4	55.3	48.7	135.0	146.4	40.3	0.0	0.0	0.0	35.8
2009	0.0	0.0	0.0	6.7	35.8	62.2	224.4	136.6	57.1	0.0	0.0	0.0	43.6
2010	0.0	0.0	0.0	13.4	19.5	65.5	135.0	128.5	16.8	0.0	0.0	0.0	31.6
2011	0.0	0.0	0.0	1.7	73.2	134.4	143.1	99.2	42.0	0.0	0.0	0.0	41.1
2012	0.0	0.0	0.0	3.4	14.6	13.4	174.0	157.8	53.8	0.0	0.0	0.0	34.7
2013	0.0	0.0	0.0	1.7	24.4	30.3	148.0	112.2	45.4	0.0	0.0	0.0	30.2
2014	0.0	0.0	0.0	18.5	65.1	79.0	86.2	185.4	68.9	0.0	0.0	0.0	41.9
2015	0.0	0.0	0.0	3.4	58.5	105.9	159.4	174.0	40.3	0.0	0.0	0.0	45.1
2016	0.0	0.0	0.0	1.7	6.5	105.9	141.5	161.0	28.6	0.0	0.0	0.0	37.1
2017	0.0	0.0	0.0	6.7	37.4	55.5	131.7	117.1	45.4	0.0	0.0	0.0	32.8
2018	0.0	0.0	0.0	0.0	8.1	126.0	125.2	135.0	26.9	0.0	0.0	0.0	35.1
2019	0.0	0.0	0.0	1.7	56.9	102.5	193.5	89.4	35.3	0.0	0.0	0.0	39.9
2020	0.0	0.0	0.0	1.7	42.3	47.1	182.2	143.1	50.4	0.0	0.0	0.0	38.9
2021	0.0	0.0	0.0	3.4	40.7	77.3	136.6	113.8	58.8	0.0	0.0	0.0	35.9
2022	0.0	0.0	0.0	11.8	65.1	114.3	110.6	81.3	43.7	0.0	0.0	0.0	35.6
2023	0.0	0.0	0.0	8.4	32.5	105.9	123.6	109.0	67.2	0.0	0.0	0.0	37.2
2024	0.0	0.0	0.0	6.7	45.5	90.8	113.8	104.1	67.2	0.0	0.0	0.0	35.7
2025	0.0	0.0	0.0	15.1	48.8	94.1	183.8	113.8	53.8	0.0	0.0	0.0	42.5
2026	0.0	0.0	0.0	21.8	22.8	121.0	99.2	135.0	62.2	0.0	0.0	0.0	38.5
2027	0.0	0.0	0.0	1.7	0.0	43.7	154.5	126.9	26.9	0.0	0.0	0.0	29.5
2028	0.0	0.0	0.0	0.0	19.5	67.2	172.4	148.0	55.5	0.0	0.0	0.0	38.5
2029	0.0	0.0	0.0	0.0	32.5	87.4	138.2	154.5	37.0	0.0	0.0	0.0	37.5
2030	0.0	0.0	0.0	18.5	71.6	102.5	164.3	126.9	23.5	0.0	0.0	0.0	42.3
2031	0.0	0.0	0.0	1.7	50.4	73.9	157.8	136.6	20.2	0.0	0.0	0.0	36.7
2032	0.0	0.0	0.0	23.5	14.6	127.7	172.4	126.9	43.7	0.0	0.0	0.0	42.4
2033	0.0	0.0	0.0	10.1	37.4	127.7	170.8	92.7	38.7	0.0	0.0	0.0	39.8
2034	0.0	0.0	0.0	6.7	52.0	110.9	105.7	0.0	28.6	0.0	0.0	0.0	25.3
2035	0.0	0.0	0.0	1.7	14.6	87.4	165.9	152.9	55.5	0.0	0.0	0.0	39.8
2036	0.0	0.0	0.0	0.0	16.3	43.7	169.1	125.2	48.7	0.0	0.0	0.0	33.6
2037	0.0	0.0	0.0	10.1	30.9	45.4	84.6	107.3	55.5	0.0	0.0	0.0	27.8
2038	0.0	0.0	0.0	3.4	53.7	40.3	81.3	52.0	25.2	0.0	0.0	0.0	21.3
2039	0.0	0.0	0.0	6.7	61.8	112.6	159.4	125.2	55.5	0.0	0.0	0.0	43.4
2040	0.0	0.0	0.0	0.0	9.8	43.7	135.0	146.4	31.9	0.0	0.0	0.0	30.6
2041	0.0	0.0	0.0	0.0	6.5	114.3	162.6	81.3	30.3	0.0	0.0	0.0	32.9
2042	0.0	0.0	0.0	0.0	16.3	80.7	43.9	130.1	52.1	0.0	0.0	0.0	26.9
Mean	0.0	0.0	0.0	7.1	35.3	85.4	144.5	124.7	44.5	0.0	0.0	0.0	36.8
Min	0.0	0.0	0.0	0.0	0.0	40.3	43.9	0.0	0.0	0.0	0.0	0.0	20.8
10 pctl	0.0	0.0	0.0	0.0	8.8	43.7	91.4	84.6	25.2	0.0	0.0	0.0	28.5
25 pctl	0.0	0.0	0.0	1.7	16.3	62.2	123.6	112.2	30.3	0.0	0.0	0.0	33.3
Median	0.0	0.0	0.0	3.4	35.8	87.4	154.5	128.5	45.4	0.0	0.0	0.0	37.1
75 pctl	0.0	0.0	0.0	10.1	52.0	110.9	170.8	148.0	55.5	0.0	0.0	0.0	41.1
90 pctl	0.0	0.0	0.0	19.5	63.8	127.1	183.1	159.7	66.6	0.0	0.0	0.0	43.4
Max	0.0	0.0	0.0	23.5	73.2	137.8	224.4	185.4	72.3	0.0	0.0	0.0	51.2

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	0.0	0.0	0.0	6.5	34.7	83.0	139.4	120.2	42.9	0.0	0.0	0.0	35.6
------	-----	-----	-----	-----	------	------	-------	-------	------	-----	-----	-----	------

Angostura Contract Negotiation EIS
 Reservoir Canal Discharge (cfs)
 Scen 19 Improved Efficiency 12,218 acres with 3170 feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1998	0.0	0.0	0.0	0.0	52.0	141.2	133.4	136.6	0.0	0.0	0.0	0.0	38.6
1999	0.0	0.0	0.0	23.5	42.3	127.7	138.2	118.7	0.0	0.0	0.0	0.0	37.5
2000	0.0	0.0	0.0	25.2	52.0	102.5	151.3	141.5	30.3	0.0	0.0	0.0	41.9
2001	0.0	0.0	0.0	5.0	21.1	158.0	96.0	8.1	0.0	0.0	0.0	0.0	24.0
2002	0.0	0.0	0.0	0.0	1.6	89.1	213.1	123.6	18.5	0.0	0.0	0.0	37.2
2003	0.0	0.0	0.0	6.7	86.2	100.8	128.5	187.0	0.0	0.0	0.0	0.0	42.4
2004	0.0	0.0	0.0	11.8	39.0	117.6	206.5	0.0	1.7	0.0	0.0	0.0	31.4
2005	0.0	0.0	0.0	20.2	74.8	107.6	112.2	0.0	0.0	0.0	0.0	0.0	26.2
2006	0.0	0.0	0.0	6.7	37.4	47.1	39.0	11.4	0.0	0.0	0.0	0.0	11.8
2007	0.0	0.0	0.0	26.9	13.0	53.8	136.6	151.3	0.0	0.0	0.0	0.0	31.8
2008	0.0	0.0	0.0	5.0	68.3	58.8	165.9	16.3	48.7	0.0	0.0	0.0	30.3
2009	0.0	0.0	0.0	6.7	42.3	75.6	162.6	0.0	0.0	0.0	0.0	0.0	23.9
2010	0.0	0.0	0.0	15.1	24.4	79.0	164.3	71.6	8.4	0.0	0.0	0.0	30.2
2011	0.0	0.0	0.0	1.7	89.4	102.5	175.6	120.3	0.0	0.0	0.0	0.0	40.8
2012	0.0	0.0	0.0	5.0	17.9	16.8	213.1	40.7	8.4	0.0	0.0	0.0	25.2
2013	0.0	0.0	0.0	1.7	30.9	37.0	182.2	78.1	23.5	0.0	0.0	0.0	29.4
2014	0.0	0.0	0.0	23.5	79.7	95.8	105.7	47.2	0.0	0.0	0.0	0.0	29.3
2015	0.0	0.0	0.0	5.0	69.9	127.7	42.3	0.0	0.0	0.0	0.0	0.0	20.4
2016	0.0	0.0	0.0	1.7	6.5	129.4	133.4	0.0	0.0	0.0	0.0	0.0	22.6
2017	0.0	0.0	0.0	6.7	45.5	68.9	136.6	19.5	0.0	0.0	0.0	0.0	23.1
2018	0.0	0.0	0.0	0.0	9.8	154.6	152.9	55.3	33.6	0.0	0.0	0.0	33.8
2019	0.0	0.0	0.0	3.4	69.9	109.2	0.0	0.0	0.0	0.0	0.0	0.0	15.2
2020	0.0	0.0	0.0	1.7	52.0	58.8	148.0	0.0	0.0	0.0	0.0	0.0	21.7
2021	0.0	0.0	0.0	3.4	50.4	94.1	159.4	26.0	0.0	0.0	0.0	0.0	27.8
2022	0.0	0.0	0.0	13.4	79.7	141.2	68.3	13.0	50.4	0.0	0.0	0.0	30.5
2023	0.0	0.0	0.0	10.1	40.7	129.4	151.3	133.4	1.7	0.0	0.0	0.0	38.9
2024	0.0	0.0	0.0	6.7	55.3	110.9	138.2	128.5	0.0	0.0	0.0	0.0	36.6
2025	0.0	0.0	0.0	18.5	60.2	114.3	86.2	55.3	0.0	0.0	0.0	0.0	27.9
2026	0.0	0.0	0.0	26.9	27.6	112.6	122.0	164.3	0.0	0.0	0.0	0.0	37.8
2027	0.0	0.0	0.0	1.7	0.0	53.8	190.3	154.5	33.6	0.0	0.0	0.0	36.2
2028	0.0	0.0	0.0	0.0	24.4	82.3	157.8	48.8	0.0	0.0	0.0	0.0	26.1
2029	0.0	0.0	0.0	0.0	39.0	105.9	128.5	13.0	0.0	0.0	0.0	0.0	23.9
2030	0.0	0.0	0.0	23.5	87.8	95.8	24.4	30.9	6.7	0.0	0.0	0.0	22.4
2031	0.0	0.0	0.0	1.7	61.8	90.8	191.9	24.4	25.2	0.0	0.0	0.0	33.0
2032	0.0	0.0	0.0	28.6	16.3	154.6	109.0	0.0	0.0	0.0	0.0	0.0	25.7
2033	0.0	0.0	0.0	11.8	45.5	136.1	4.9	13.0	8.4	0.0	0.0	0.0	18.3
2034	0.0	0.0	0.0	8.4	63.4	131.1	1.6	0.0	33.6	0.0	0.0	0.0	19.8
2035	0.0	0.0	0.0	3.4	17.9	107.6	149.6	9.8	3.4	0.0	0.0	0.0	24.3
2036	0.0	0.0	0.0	0.0	19.5	52.1	154.5	0.0	0.0	0.0	0.0	0.0	18.8
2037	0.0	0.0	0.0	11.8	39.0	55.5	104.1	26.0	0.0	0.0	0.0	0.0	19.7
2038	0.0	0.0	0.0	3.4	65.1	48.7	99.2	65.1	15.1	0.0	0.0	0.0	24.7
2039	0.0	0.0	0.0	8.4	76.4	137.8	24.4	6.5	0.0	0.0	0.0	0.0	21.1
2040	0.0	0.0	0.0	0.0	13.0	53.8	144.7	0.0	0.0	0.0	0.0	0.0	17.6
2041	0.0	0.0	0.0	1.7	6.5	139.5	89.4	32.5	26.9	0.0	0.0	0.0	24.7
2042	0.0	0.0	0.0	0.0	19.5	99.2	53.7	138.2	3.4	0.0	0.0	0.0	26.2
Mean	0.0	0.0	0.0	8.6	43.0	97.9	122.0	53.6	8.5	0.0	0.0	0.0	27.8
Min	0.0	0.0	0.0	0.0	0.0	48.7	0.0	0.0	0.0	0.0	0.0	0.0	11.8
10 pctlile	0.0	0.0	0.0	0.0	11.1	52.8	30.3	0.0	0.0	0.0	0.0	0.0	19.2
25 pctlile	0.0	0.0	0.0	1.7	19.5	68.9	96.0	6.5	0.0	0.0	0.0	0.0	22.6
Median	0.0	0.0	0.0	5.0	42.3	102.5	136.6	26.0	0.0	0.0	0.0	0.0	26.2
75 pctlile	0.0	0.0	0.0	11.8	63.4	127.7	157.8	118.7	8.4	0.0	0.0	0.0	33.0
90 pctlile	0.0	0.0	0.0	23.5	78.4	140.5	187.0	140.2	32.3	0.0	0.0	0.0	38.3
Max	0.0	0.0	0.0	28.6	89.4	158.0	213.1	187.0	50.4	0.0	0.0	0.0	42.4

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	0.0	0.0	0.0	7.9	42.3	93.6	116.5	45.8	8.9	0.0	0.0	0.0	26.3
------	-----	-----	-----	-----	------	------	-------	------	-----	-----	-----	-----	------

Angostura Contract Negotiation EIS
 Reservoir Canal Discharge (cfs)
 Scen 20 Improved Efficiency 10,000 acres with 3170 feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1998	0.0	0.0	0.0	0.0	42.3	116.0	133.4	130.1	0.0	0.0	0.0	0.0	35.1
1999	0.0	0.0	0.0	20.2	35.8	104.2	152.9	118.7	0.0	0.0	0.0	0.0	36.0
2000	0.0	0.0	0.0	20.2	42.3	84.0	151.3	115.5	25.2	0.0	0.0	0.0	36.5
2001	0.0	0.0	0.0	3.4	17.9	129.4	96.0	8.1	0.0	0.0	0.0	0.0	21.2
2002	0.0	0.0	0.0	0.0	1.6	73.9	174.0	130.1	18.5	0.0	0.0	0.0	33.2
2003	0.0	0.0	0.0	5.0	71.6	82.3	105.7	152.9	0.0	0.0	0.0	0.0	34.8
2004	0.0	0.0	0.0	10.1	30.9	95.8	169.1	32.5	1.7	0.0	0.0	0.0	28.3
2005	0.0	0.0	0.0	16.8	61.8	87.4	128.5	0.0	0.0	0.0	0.0	0.0	24.5
2006	0.0	0.0	0.0	5.0	30.9	55.5	39.0	11.4	0.0	0.0	0.0	0.0	11.8
2007	0.0	0.0	0.0	21.8	11.4	43.7	112.2	151.3	0.0	0.0	0.0	0.0	28.4
2008	0.0	0.0	0.0	3.4	55.3	48.7	135.0	43.9	40.3	0.0	0.0	0.0	27.2
2009	0.0	0.0	0.0	6.7	35.8	62.2	162.6	0.0	0.0	0.0	0.0	0.0	22.3
2010	0.0	0.0	0.0	13.4	19.5	65.5	135.0	71.6	8.4	0.0	0.0	0.0	26.1
2011	0.0	0.0	0.0	1.7	73.2	119.3	143.1	99.2	0.0	0.0	0.0	0.0	36.4
2012	0.0	0.0	0.0	3.4	14.6	13.4	174.0	40.7	8.4	0.0	0.0	0.0	21.2
2013	0.0	0.0	0.0	1.7	24.4	30.3	148.0	112.2	23.5	0.0	0.0	0.0	28.3
2014	0.0	0.0	0.0	18.5	65.1	79.0	86.2	47.2	0.0	0.0	0.0	0.0	24.7
2015	0.0	0.0	0.0	3.4	58.5	105.9	63.4	0.0	0.0	0.0	0.0	0.0	19.3
2016	0.0	0.0	0.0	1.7	6.5	105.9	133.4	0.0	0.0	0.0	0.0	0.0	20.6
2017	0.0	0.0	0.0	6.7	37.4	55.5	131.7	22.8	0.0	0.0	0.0	0.0	21.2
2018	0.0	0.0	0.0	0.0	8.1	126.0	125.2	60.2	26.9	0.0	0.0	0.0	28.9
2019	0.0	0.0	0.0	1.7	56.9	102.5	4.9	9.8	0.0	0.0	0.0	0.0	14.6
2020	0.0	0.0	0.0	1.7	42.3	47.1	148.0	0.0	0.0	0.0	0.0	0.0	19.9
2021	0.0	0.0	0.0	3.4	40.7	77.3	136.6	48.8	0.0	0.0	0.0	0.0	25.6
2022	0.0	0.0	0.0	11.8	65.1	114.3	109.0	13.0	43.7	0.0	0.0	0.0	29.7
2023	0.0	0.0	0.0	8.4	32.5	105.9	123.6	109.0	1.7	0.0	0.0	0.0	31.8
2024	0.0	0.0	0.0	6.7	45.5	90.8	113.8	104.1	0.0	0.0	0.0	0.0	30.1
2025	0.0	0.0	0.0	15.1	48.8	94.1	94.3	55.3	0.0	0.0	0.0	0.0	25.6
2026	0.0	0.0	0.0	21.8	22.8	121.0	99.2	135.0	0.0	0.0	0.0	0.0	33.3
2027	0.0	0.0	0.0	1.7	0.0	43.7	154.5	126.9	26.9	0.0	0.0	0.0	29.5
2028	0.0	0.0	0.0	0.0	19.5	67.2	157.8	48.8	0.0	0.0	0.0	0.0	24.4
2029	0.0	0.0	0.0	0.0	32.5	87.4	128.5	13.0	0.0	0.0	0.0	0.0	21.8
2030	0.0	0.0	0.0	18.5	71.6	102.5	37.4	30.9	6.7	0.0	0.0	0.0	22.3
2031	0.0	0.0	0.0	1.7	50.4	73.9	157.8	39.0	20.2	0.0	0.0	0.0	28.6
2032	0.0	0.0	0.0	23.5	14.6	127.7	109.0	0.0	0.0	0.0	0.0	0.0	22.9
2033	0.0	0.0	0.0	10.1	37.4	127.7	22.8	13.0	8.4	0.0	0.0	0.0	18.3
2034	0.0	0.0	0.0	6.7	52.0	110.9	34.2	0.0	28.6	0.0	0.0	0.0	19.4
2035	0.0	0.0	0.0	1.7	14.6	87.4	157.8	9.8	3.4	0.0	0.0	0.0	22.9
2036	0.0	0.0	0.0	0.0	16.3	43.7	154.5	0.0	0.0	0.0	0.0	0.0	17.9
2037	0.0	0.0	0.0	10.1	30.9	45.4	84.6	58.5	0.0	0.0	0.0	0.0	19.1
2038	0.0	0.0	0.0	3.4	53.7	40.3	81.3	52.0	15.1	0.0	0.0	0.0	20.5
2039	0.0	0.0	0.0	6.7	61.8	112.6	63.4	6.5	0.0	0.0	0.0	0.0	20.9
2040	0.0	0.0	0.0	0.0	9.8	43.7	135.0	4.9	0.0	0.0	0.0	0.0	16.1
2041	0.0	0.0	0.0	0.0	6.5	114.3	89.4	32.5	26.9	0.0	0.0	0.0	22.5
2042	0.0	0.0	0.0	0.0	16.3	80.7	43.9	130.1	3.4	0.0	0.0	0.0	22.9
Mean	0.0	0.0	0.0	7.1	35.3	83.2	114.2	53.1	7.5	0.0	0.0	0.0	25.0
Min	0.0	0.0	0.0	0.0	0.0	40.3	4.9	0.0	0.0	0.0	0.0	0.0	11.8
10 pctlile	0.0	0.0	0.0	0.0	8.8	43.7	41.0	0.0	0.0	0.0	0.0	0.0	18.6
25 pctlile	0.0	0.0	0.0	1.7	16.3	55.5	89.4	9.8	0.0	0.0	0.0	0.0	20.9
Median	0.0	0.0	0.0	3.4	35.8	87.4	128.5	40.7	0.0	0.0	0.0	0.0	24.4
75 pctlile	0.0	0.0	0.0	10.1	52.0	105.9	148.0	104.1	8.4	0.0	0.0	0.0	28.9
90 pctlile	0.0	0.0	0.0	19.5	63.8	120.3	157.8	130.1	26.9	0.0	0.0	0.0	34.2
Max	0.0	0.0	0.0	23.5	73.2	129.4	174.0	152.9	43.7	0.0	0.0	0.0	36.5

NOTE: The following based on 37 years of 2006 - 2042 as historic 1953-1960 had power generation and irrigation started in 1955.

Mean	0.0	0.0	0.0	6.5	34.7	80.3	108.9	46.0	7.9	0.0	0.0	0.0	23.7
------	-----	-----	-----	-----	------	------	-------	------	-----	-----	-----	-----	------

Angostura Contract Negotiation EIS
 Canal Discharge (cfs) for Scenario with 12,218 acres

Year	Historic	No Action	Recreation	Improved Efficiency			
	1953-1997	Scen 1	Scen 5	Scen 13	Scen 15	Scen 17	Scen 19
1998	0.0	65.9	65.9	53.0	53.0	53.0	38.6
1999	0.0	74.2	74.2	59.4	59.4	59.4	37.5
2000	45.3	56.4	56.4	45.3	45.3	45.3	41.9
2001	79.4	61.9	61.9	50.0	50.0	50.0	24.0
2002	62.1	53.2	53.2	42.8	42.8	42.8	37.2
2003	81.0	61.4	61.4	49.3	49.3	49.3	42.4
2004	76.8	65.3	65.3	52.6	52.6	52.6	31.4
2005	48.1	77.6	52.5	62.4	62.4	46.2	26.2
2006	16.4	24.3	17.2	49.4	20.2	16.0	11.8
2007	50.4	50.2	50.2	40.5	40.5	40.5	31.8
2008	54.2	54.5	54.5	43.7	43.7	43.7	30.3
2009	64.6	66.2	66.2	53.1	53.1	53.1	23.9
2010	46.0	48.0	48.0	38.3	38.3	38.3	30.2
2011	58.2	62.4	62.4	50.2	50.2	50.2	40.8
2012	51.5	52.6	52.6	42.7	42.7	42.7	25.2
2013	51.5	45.8	45.8	37.1	37.1	37.1	29.4
2014	63.7	63.8	63.8	51.2	51.2	51.2	29.3
2015	54.9	68.4	64.2	55.0	55.0	52.3	20.4
2016	56.5	56.3	56.3	45.2	45.2	45.2	22.6
2017	58.4	49.8	49.8	40.1	40.1	40.1	23.1
2018	61.3	53.6	53.6	43.1	43.1	43.1	33.8
2019	65.9	60.7	60.7	48.8	48.8	48.8	15.2
2020	58.6	59.1	59.1	47.6	47.6	47.6	21.7
2021	52.3	54.6	54.6	44.0	44.0	44.0	27.8
2022	55.0	54.0	45.3	43.5	43.5	43.5	30.5
2023	64.5	56.6	56.6	45.6	45.6	45.6	38.9
2024	58.9	54.2	54.2	43.4	43.4	43.4	36.6
2025	66.1	64.5	64.5	51.9	51.9	51.9	27.9
2026	71.5	58.6	58.6	47.0	47.0	47.0	37.8
2027	49.3	44.9	44.9	36.2	36.2	36.2	36.2
2028	55.7	58.5	58.5	47.0	47.0	47.0	26.1
2029	55.6	57.0	57.0	45.7	45.7	45.7	23.9
2030	66.0	64.3	56.1	51.8	51.8	47.5	22.4
2031	45.5	55.8	55.8	44.9	44.9	44.9	33.0
2032	54.3	64.2	64.2	51.6	51.6	51.6	25.7
2033	60.2	60.2	44.8	48.4	48.4	36.5	18.3
2034	33.3	25.9	24.9	45.1	27.7	23.4	19.8
2035	34.9	45.5	44.2	45.9	44.7	42.9	24.3
2036	42.4	51.4	51.4	40.8	40.8	40.8	18.8
2037	49.2	42.2	42.2	34.1	34.1	34.1	19.7
2038	46.2	32.3	32.3	26.0	26.0	26.0	24.7
2039	59.4	66.0	66.0	53.2	53.2	53.2	21.1
2040	51.5	46.4	46.4	37.5	37.5	37.5	17.6
2041	56.4	50.1	50.1	40.2	40.2	40.2	24.7
2042	38.8	40.7	40.7	32.8	32.8	32.8	26.2
Mean	52.7	55.1	53.5	45.7	44.7	43.6	27.8
Min	0.0	24.3	17.2	26.0	20.2	16.0	11.8
10 pctile	36.4	43.3	43.0	37.3	34.9	34.9	19.2
25 pctile	48.1	50.1	48.0	42.7	40.5	40.2	22.6
Median	55.0	56.3	54.6	45.6	45.2	44.9	26.2
75 pctile	61.3	62.4	61.4	50.2	50.2	49.3	33.0
90 pctile	66.1	66.0	65.0	53.1	53.1	52.5	38.3
Max	81.0	77.6	74.2	62.4	62.4	59.4	42.4

Angostura Contract Negotiation EIS
 Canal Discharge (cfs) for Scenario with 10,000 acres

Year	Historic	No Action	Recreation	Improved Efficiency			
	1953-1997	Scen 2	Scen 6	Scen 14	Scen 16	Scen 18	Scen 20
1998	0.0	54.1	54.1	43.4	43.4	43.4	35.1
1999	0.0	60.7	60.7	48.9	48.9	48.9	36.0
2000	45.3	46.1	46.1	37.1	37.1	37.1	36.5
2001	79.4	50.9	50.9	40.8	40.8	40.8	21.2
2002	62.1	43.5	43.5	35.0	35.0	35.0	33.2
2003	81.0	50.1	50.1	40.4	40.4	40.4	34.8
2004	76.8	53.4	53.4	43.0	43.0	43.0	28.3
2005	48.1	63.5	63.5	51.2	51.2	51.2	24.5
2006	16.4	47.9	18.2	44.5	40.1	20.8	11.8
2007	50.4	41.2	41.2	33.3	33.3	33.3	28.4
2008	54.2	44.5	44.5	35.8	35.8	35.8	27.2
2009	64.6	54.4	54.4	43.6	43.6	43.6	22.3
2010	46.0	39.1	39.1	31.6	31.6	31.6	26.1
2011	58.2	51.1	51.1	41.1	41.1	41.1	36.4
2012	51.5	43.3	43.3	34.7	34.7	34.7	21.2
2013	51.5	37.5	37.5	30.2	30.2	30.2	28.3
2014	63.7	52.2	52.2	41.9	41.9	41.9	24.7
2015	54.9	56.1	56.1	45.1	45.1	45.1	19.3
2016	56.5	46.0	46.0	37.1	37.1	37.1	20.6
2017	58.4	40.6	40.6	32.8	32.8	32.8	21.2
2018	61.3	43.7	43.7	35.1	35.1	35.1	28.9
2019	65.9	49.7	49.7	39.9	39.9	39.9	14.6
2020	58.6	48.3	48.3	38.9	38.9	38.9	19.9
2021	52.3	44.6	44.6	35.9	35.9	35.9	25.6
2022	55.0	44.2	44.2	35.6	35.6	35.6	29.7
2023	64.5	46.3	46.3	37.2	37.2	37.2	31.8
2024	58.9	44.2	44.2	35.7	35.7	35.7	30.1
2025	66.1	52.6	52.6	42.5	42.5	42.5	25.6
2026	71.5	47.9	47.9	38.5	38.5	38.5	33.3
2027	49.3	36.8	36.8	29.5	29.5	29.5	29.5
2028	55.7	47.8	47.8	38.5	38.5	38.5	24.4
2029	55.6	46.6	46.6	37.5	37.5	37.5	21.8
2030	66.0	52.5	52.5	42.3	42.3	42.3	22.3
2031	45.5	45.4	45.4	36.7	36.7	36.7	28.6
2032	54.3	52.6	52.6	42.4	42.4	42.4	22.9
2033	60.2	49.1	49.1	39.8	39.8	39.8	18.3
2034	33.3	44.0	26.8	42.1	40.4	25.3	19.4
2035	34.9	45.9	44.5	39.8	39.8	39.8	22.9
2036	42.4	42.1	42.1	33.6	33.6	33.6	17.9
2037	49.2	34.7	34.7	27.8	27.8	27.8	19.1
2038	46.2	26.5	26.5	21.3	21.3	21.3	20.5
2039	59.4	54.0	54.0	43.4	43.4	43.4	20.9
2040	51.5	38.1	38.1	30.6	30.6	30.6	16.1
2041	56.4	41.1	41.1	32.9	32.9	32.9	22.5
2042	38.8	33.4	33.4	26.9	26.9	26.9	22.9
Mean	52.7	46.4	45.3	37.7	37.5	36.8	25.0
Min	0.0	26.5	18.2	21.3	21.3	20.8	11.8
10 pctl	36.4	37.7	35.5	30.3	30.3	28.5	18.6
25 pctl	48.1	43.3	41.2	34.7	34.7	33.3	20.9
Median	55.0	46.1	46.0	37.5	37.5	37.1	24.4
75 pctl	61.3	51.1	51.1	42.1	41.1	41.1	28.9
90 pctl	66.1	54.1	54.1	43.5	43.4	43.4	34.2
Max	81.0	63.5	63.5	51.2	51.2	51.2	36.5



